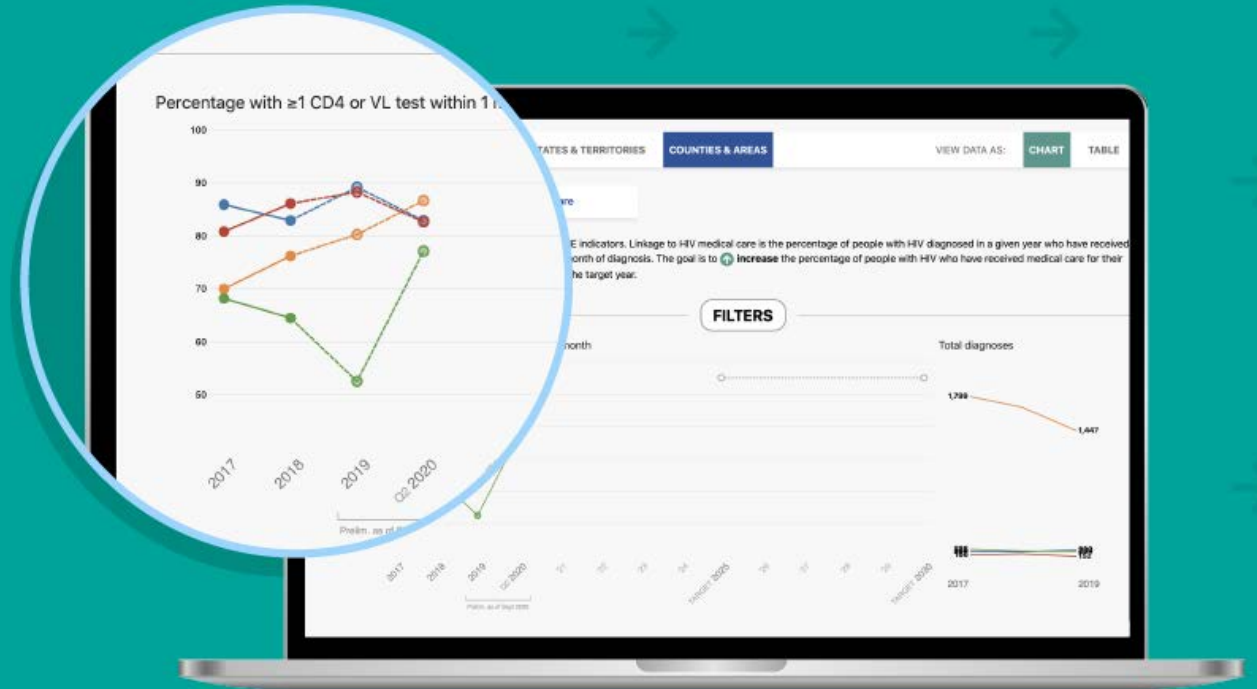


AHEAD

America's HIV Epidemic Analysis Dashboard



USER GUIDE



Ending
the
HIV
Epidemic

AHEAD
America's HIV Epidemic Analysis Dashboard



TABLE OF CONTENTS



WHAT IS AHEAD?

1. AHEAD
2. Purpose
3. Big Picture
4. AHEAD's Role in EHE
5. HIV Indicators
6. Geographic Areas
7. Data Updates
8. Demographics
9. EHE Goals

WHY USE AHEAD?

1. Data-Driven, Goal Oriented
2. Audience Input
3. Comparability
4. Quarterly Data
5. Download Options

HOW TO USE AHEAD

1. Getting to the Data
2. Tutorial Prompts
3. Graph Navigation
4. National Data Filters
5. State/Territory Filters
6. County/Area Filters
7. Similar Jurisdiction Function
8. Tooltips
9. Downloads
10. Jurisdiction Pages



AHEAD

America's HIV Epidemic Analysis Dashboard

WHAT IS AHEAD?

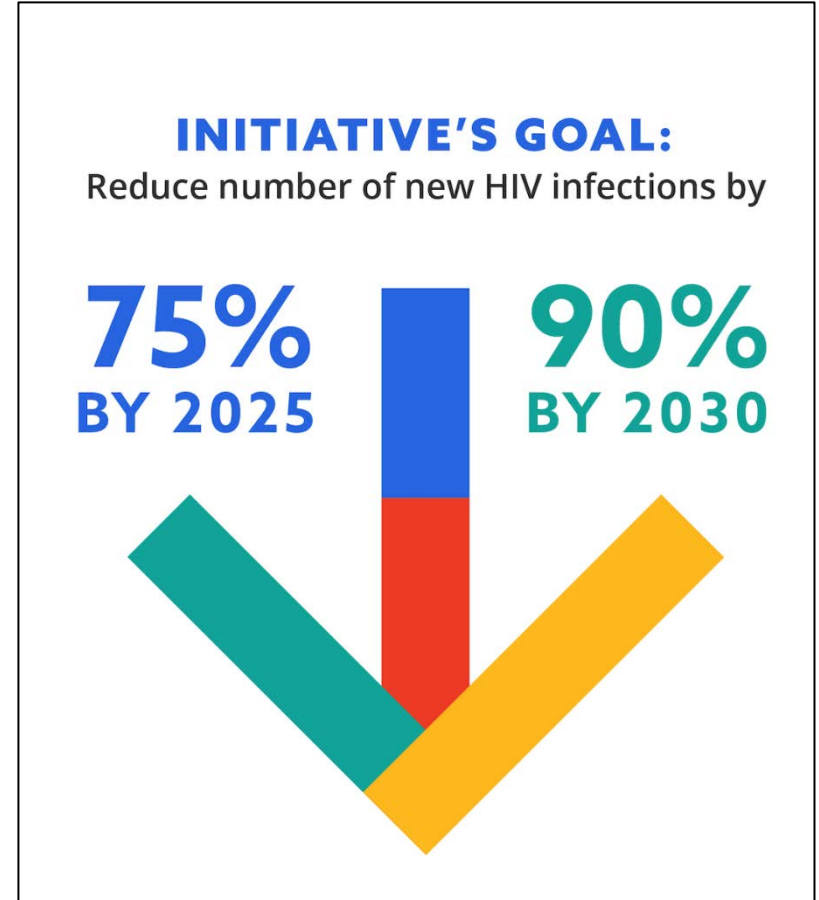
Ending the HIV Epidemic In the U.S.

The *Ending the HIV Epidemic in the U.S.* (EHE) initiative is an operational plan of the U.S. Department of Health and Human Services to end the HIV epidemic in America **by 2030.**

The initiative empowers **local communities** to work together and with the federal government to end the HIV epidemic in America.

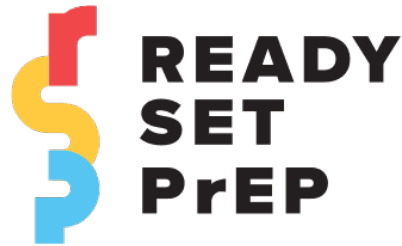
The first phase of the initiative will focus on:

- **48 counties, Washington, DC, and San Juan, Puerto Rico,** where more than **50 percent of HIV diagnoses** occurred in 2016 and 2017, and an additional **seven states** with a **substantial number of HIV diagnoses in rural areas,** bringing the total number of Phase I jurisdictions to 57.

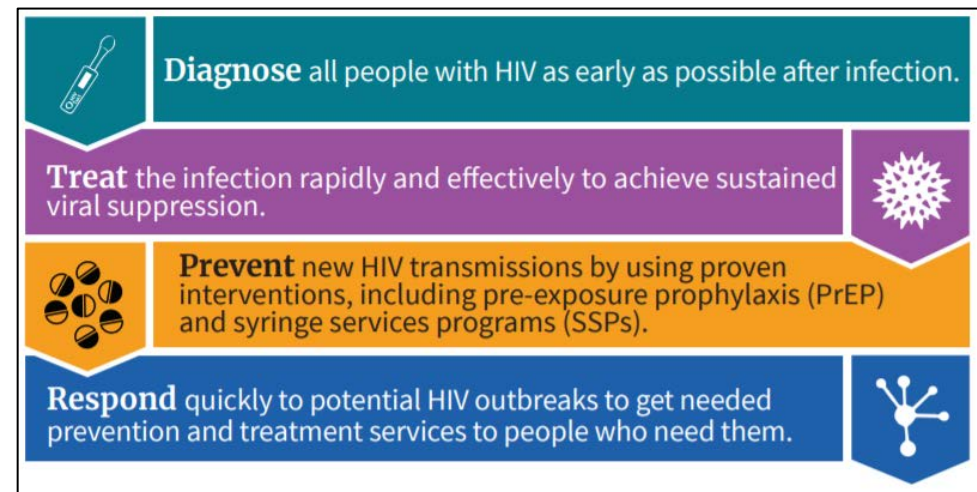


Catalyzing the EHE Mission

- The federal government introduced two programs that will advance the work towards the goal of ending the HIV epidemic in America.



- AHEAD data promotes efforts to understand the communities living with HIV and those at risk.
- By focusing efforts on data transparency and progress, AHEAD empowers local stakeholders to both track movement towards the goals of the EHE and focus additional expertise, technology, and resources required to tailor and implement strategies needed to end the HIV epidemic in their communities.



What is AHEAD?



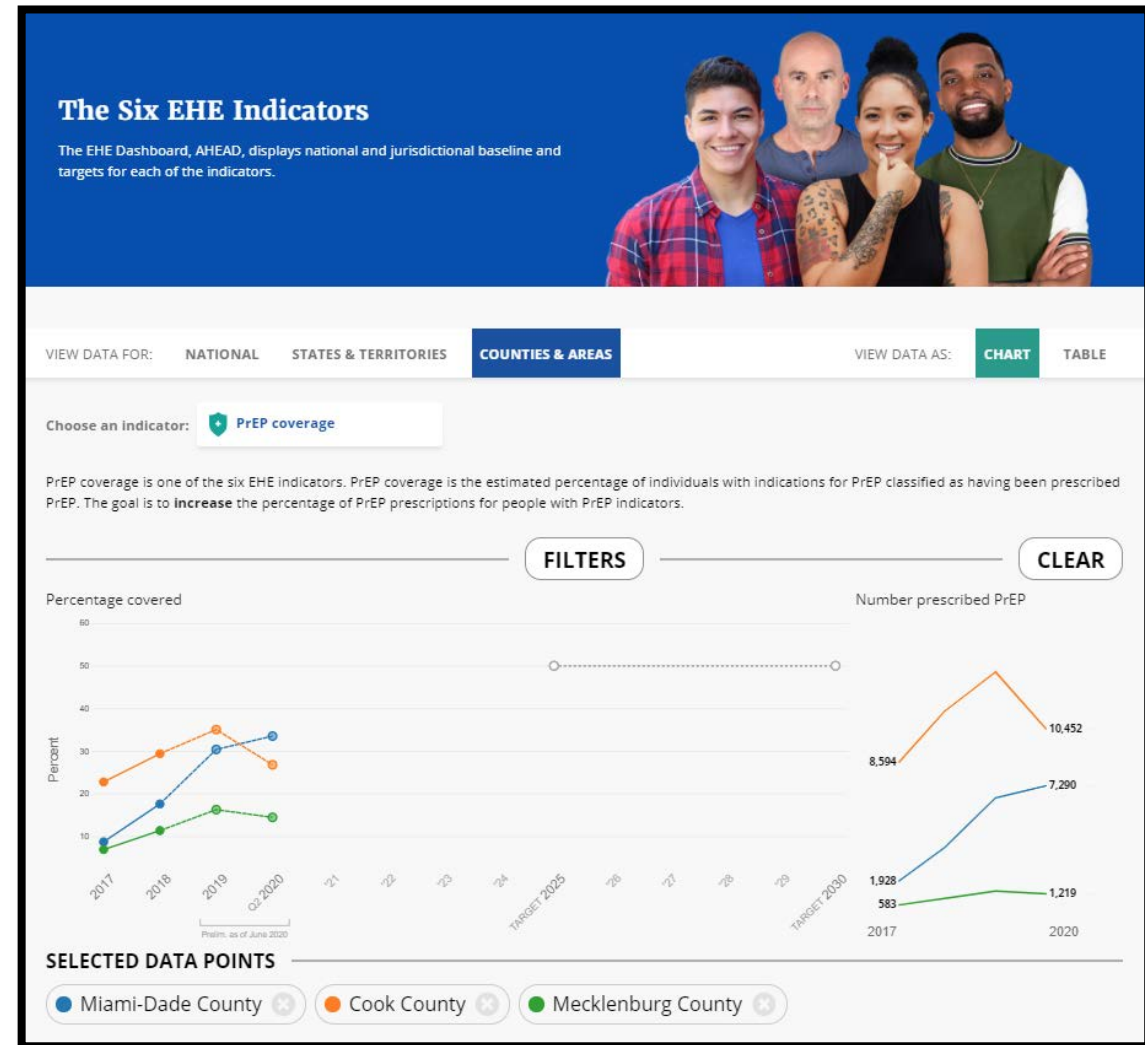
Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

America's HIV Epidemic Analysis Dashboard

is a **resource** for EHE priority areas, communities, and other stakeholders to **monitor progress** towards ending the HIV epidemic locally, **effectively coordinating responses**, and **collectively reducing the number of new HIV transmissions by 90% by 2030**.

- **Standardizes the six indicators** for Ending the HIV Epidemic initiative
- **Displays the most up-to-date CDC data**, with quarterly and yearly updates
- **Tracks progress towards official EHE goals**, at 3 geographic levels



What is the Purpose of AHEAD?



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD →
America's HIV Epidemic Analysis Dashboard

The screenshot shows the CDC NCHHSTP AtlasPlus interface. The 'HIV' tab is selected under 'Step 1: What data do you want to see?'. The 'Select Data' modal is open, showing 'Disease & SDOH' as 'HIV' and 'Indicator' as 'HIV diagnoses *'. A list of indicators is displayed, including HIV deaths, HIV prevalence, AIDS classifications, AIDS deaths, AIDS prevalence, Linkage to HIV care, Receipt of HIV medical care, HIV viral suppression, PrEP coverage, Knowledge of Status, Estimated HIV incidence, and Estimated HIV prevalence. A red arrow points from the 'HIV' tab to the 'Select Data' modal, and another red arrow points from the 'HIV diagnoses *' indicator to the AHEAD dashboard.

| Disease | Reported cases | Change from previous year |
|--------------------------------|----------------|---------------------------|
| HIV diagnoses (2019) | 36,337 | ↓ |
| Acute Viral Hepatitis C (2018) | 3,621 | ↑ |
| Acute Viral Hepatitis B (2018) | 3,322 | ↓ |
| ... | ... | ... |
| Secondary Syphilis | 35,063 | ↑ |
| ... | ... | ... |
| ... | 1,758,668 | ↑ |
| ... | 583,405 | ↑ |
| ... | 8,916 | ↓ |

To make it easy for EHE jurisdictions and other EHE stakeholders to **find, examine, and use** a specific subset of **existing CDC data** related to EHE for the sole purpose of **helping us understand if we are progressing towards our EHE goals.**

AHEAD →
America's HIV Epidemic Analysis Dashboard

The AHEAD dashboard displays a list of metrics with corresponding icons: Incidence (purple square), Knowledge of status (blue head), Diagnoses (blue square), Linkage to care (yellow star), Viral suppression (red cross), and PrEP coverage (green shield).

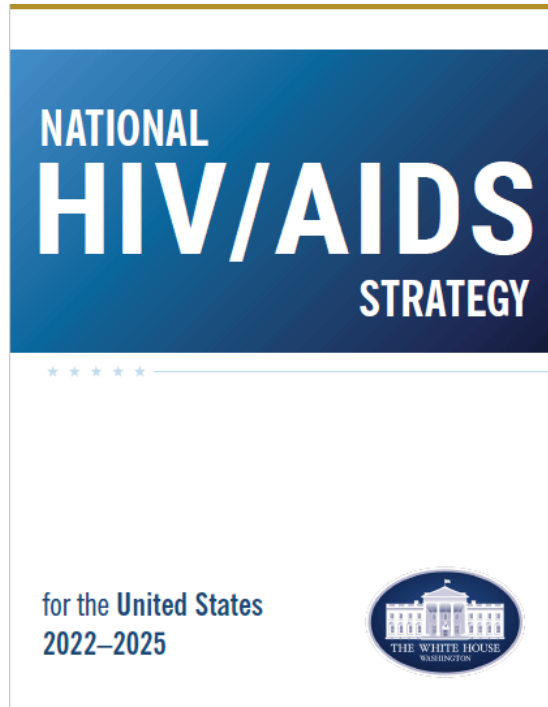
How does AHEAD fit into the Big Picture?



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD →
America's HIV Epidemic Analysis Dashboard

The National HIV/AIDS Strategy (2022-2025) is a **government-wide roadmap** addressing how to reduce the HIV epidemic.



- Broader focus across federal departments and agencies beyond HHS
- Covers the entire country and affects all sectors of society
- 4-year timeframe

EHE is an **HHS operational plan** to reduce HIV incidence by 90% by 2030.

**Ending
the
HIV
Epidemic**
A PLAN FOR AMERICA

- Collaboration between HHS and local, state, federal, and community partners to achieve a common goal.
- Focuses on EHE priority areas
- 10-year timeframe

AHEAD and Ready, Set, PrEP are the two large-scale **EHE components** working to achieve the EHE mission.

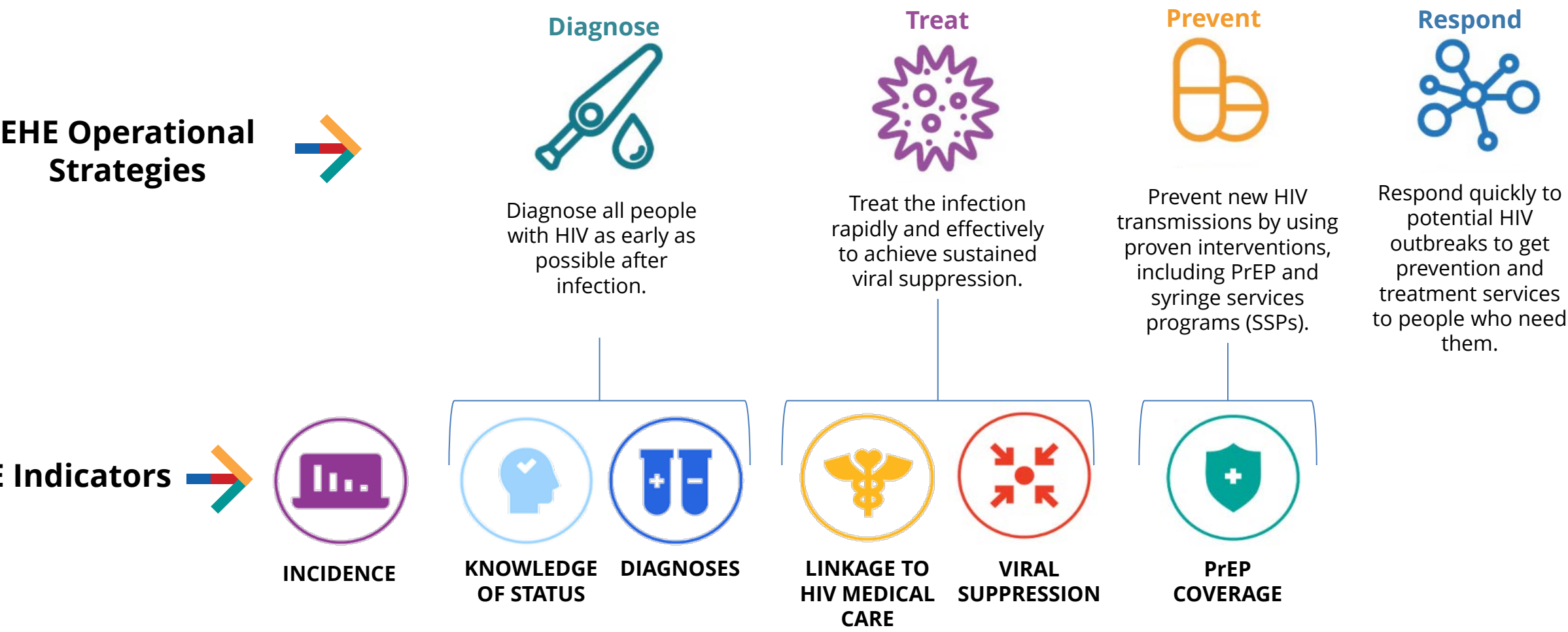
AHEAD →
America's HIV Epidemic Analysis Dashboard

**READY
SET
PrEP**

What is AHEAD's Role within EHE?



Map EHE operational strategies with measurable EHE indicators:



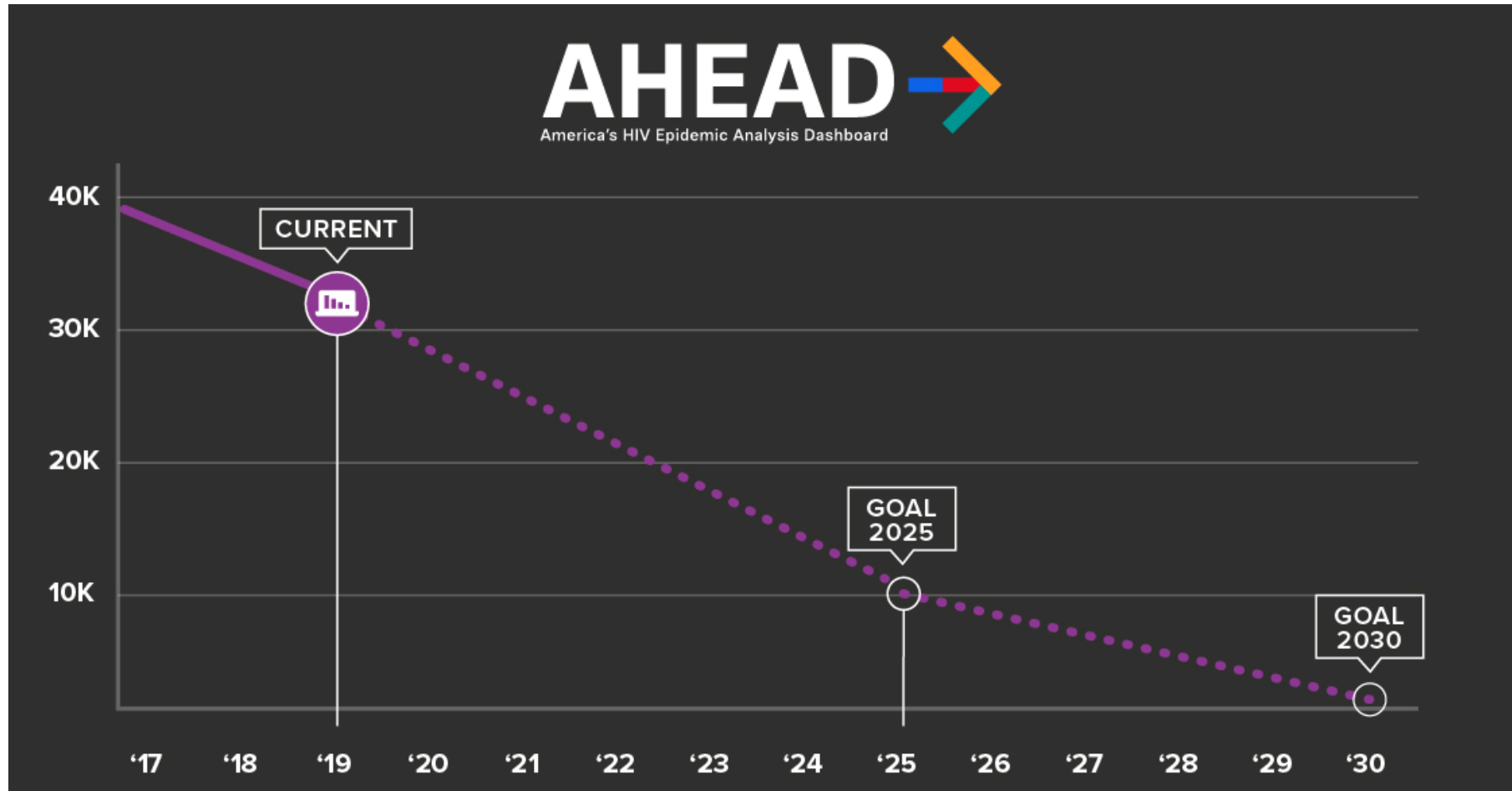
What is AHEAD's Role within EHE?



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD →
America's HIV Epidemic Analysis Dashboard

Track progress towards reducing new HIV infections in the United States by 75% by 2025 and 90% by 2030.



Which HIV Indicators are Tracked?



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD →
America's HIV Epidemic Analysis Dashboard

The 6 EHE indicators were chosen with specific public health goals in mind.



Incidence



This indicator measures our overarching goal of reducing new transmissions by 90% by 2030.

Knowledge of Status



Diagnoses



Linkage to HIV Medical Care



These 3 indicators are key to identifying how many people need to be linked to care and represent important steps on the HIV Care Continuum. Data have shown that, upon diagnosis, immediate linkage to care and treatment results in improved HIV outcomes, so it is important to track how these indicators change over time.

Viral Suppression



PrEP Coverage



These 2 indicators will have the greatest impact on reducing new transmissions if they are scaled up.

What Geographic Areas are on AHEAD?



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

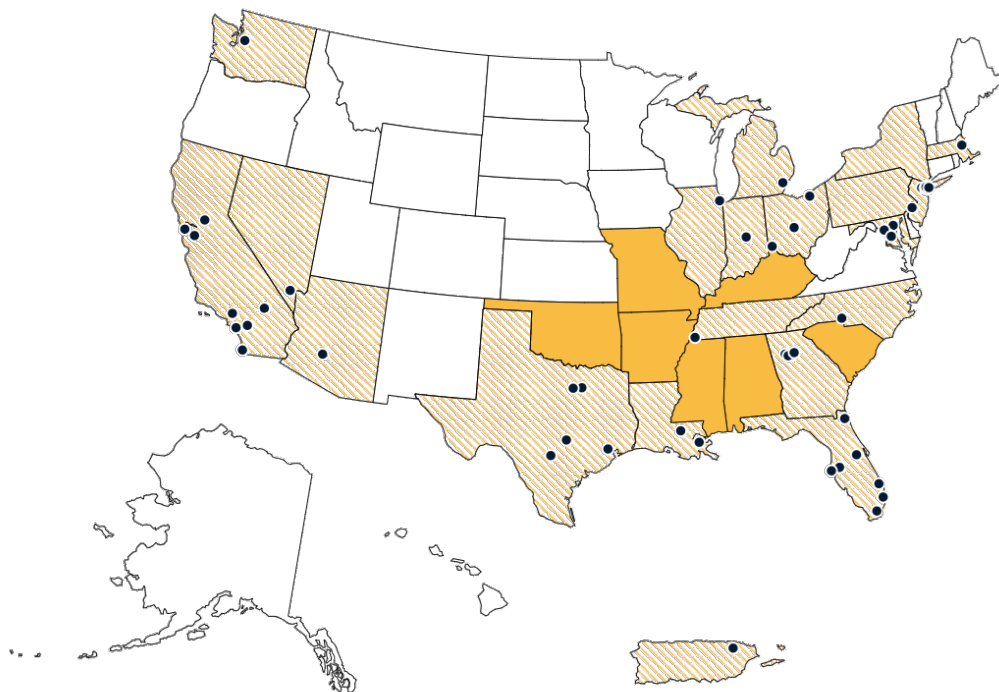
County Data

for EHE priority areas

State Data

for all 50 U.S. states
Washington, DC
Puerto Rico

National data



EHE Priority Areas

Alabama

Arizona*

Maricopa County

Arkansas

California*

Alameda County

Los Angeles County

Orange County

Riverside County

Sacramento County

San Diego County

San Francisco County

District of Columbia

Florida*

Broward County

Duval County

Hillsborough County

Miami-Dade County

Orange County

Palm Beach County

Pinellas County

Georgia*

Cobb County

Dekalb County

Fulton County

Gwinnett County

Illinois*

Cook County

Indiana*

Marion County

Kentucky

Louisiana*

East Baton Rouge Parish

Orleans Parish

Maryland*

Baltimore City

Montgomery County

Prince George's County

Massachusetts*

Suffolk County

Michigan*

Wayne County

Mississippi

Missouri

Nevada*

Clark County

New Jersey*

Essex County

Hudson County

New York*

Bronx County

Kings County

New York County

Queens County

North Carolina*

Mecklenburg County

Ohio*

Cuyahoga County

Franklin County

Hamilton County

Oklahoma

Pennsylvania*

Philadelphia County

Puerto Rico*

San Juan Municipio

South Carolina

Tennessee*

Shelby County

Texas*

Bexar County

Dallas County

Harris County

Tarrant County

Travis County

Washington*

King County

*Non-priority state with EHE priority county

How Often are the Data Updated?



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

Quarter 1



Quarter 2



Quarter 3



Quarter 4



What Demographics are Available?



At the national level, the following data categories are available:



INCIDENCE



KNOWLEDGE OF STATUS

- Age**
 - 13-24
 - 25-34
 - 35-44
 - 45-54
 - Over 55
- Race/Ethnicity**
 - American Indian/Alaska Native
 - Asian
 - Black/African American
 - Hispanic/Latinx
 - Multiple races
 - Native Hawaiian/Other Pacific Islander
 - White
- Sex at birth**
 - Female
 - Male
- Transmission Category**
 - Heterosexual contact (female)
 - Heterosexual contact (male)
 - Injection drug use (female)
 - Injection drug use (male)
 - Male-to-male sexual contact
 - Male-to-male sexual contact and injection drug use



DIAGNOSES



LINKAGE TO HIV MEDICAL CARE



VIRAL SUPPRESSION

- Age**
 - 13-24
 - 25-34
 - 35-44
 - 45-54
 - Over 55
- Race/Ethnicity**
 - American Indian/Alaska Native
 - Asian
 - Black/African American
 - Hispanic/Latinx
 - Multiple races
 - Native Hawaiian/Other Pacific Islander
 - White
- Gender**
 - Additional gender identity
 - Female (gender)
 - Male (gender)
 - Transgender female-to-male
 - Transgender male-to-female
- Transmission Category**
 - Heterosexual contact (female)
 - Heterosexual contact (male)
 - Injection drug use (female)
 - Injection drug use (male)
 - Male-to-male sexual contact
 - Male-to-male sexual contact and injection drug use
 - Other (female)
 - Other (male)



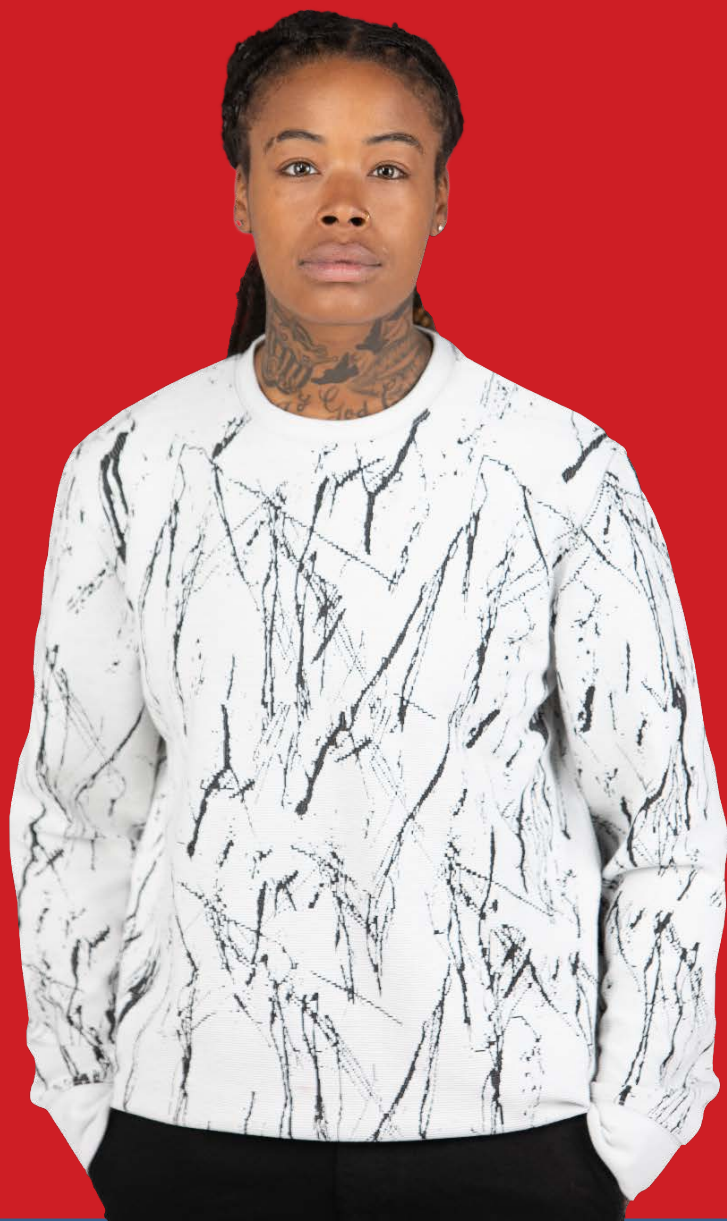
PrEP COVERAGE

- Age**
 - 16-24
 - 25-34
 - 35-44
 - 45-54
 - Over 55
- Race/Ethnicity**
 - Asian/other (PrEP only)
 - Black/African American
 - Hispanic/Latinx
 - White
- Sex at birth**
 - Female
 - Male

What are the EHE Goals?



| | | By 2030... | National | State/Territory/County/Area |
|--|-----------------------------|------------|--------------|--|
| | Incidence | By 90% | 3,000 people | Numeric goal is specific to the jurisdiction |
| | Diagnoses | By 90% | 3,000 people | Numeric goal is specific to the jurisdiction |
| | Knowledge of Status | To 95% | 95% | 95% |
| | Linkage to HIV Medical Care | To 95% | 95% | 95% |
| | Viral Suppression | To 95% | 95% | 95% |
| | PrEP Coverage | To 50% | 50% | 50% |



Why Use AHEAD?

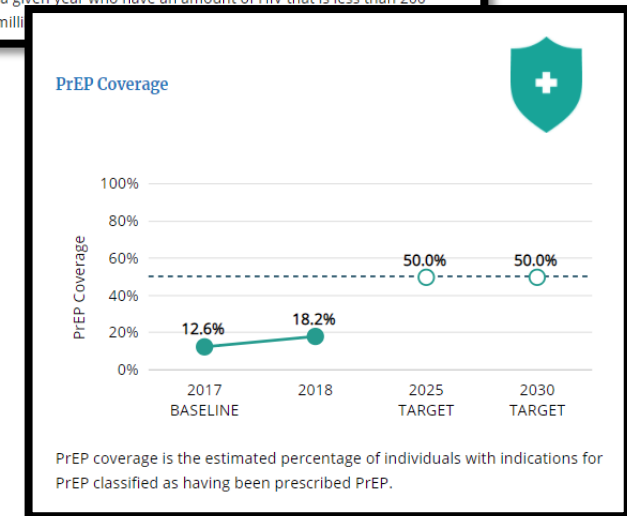
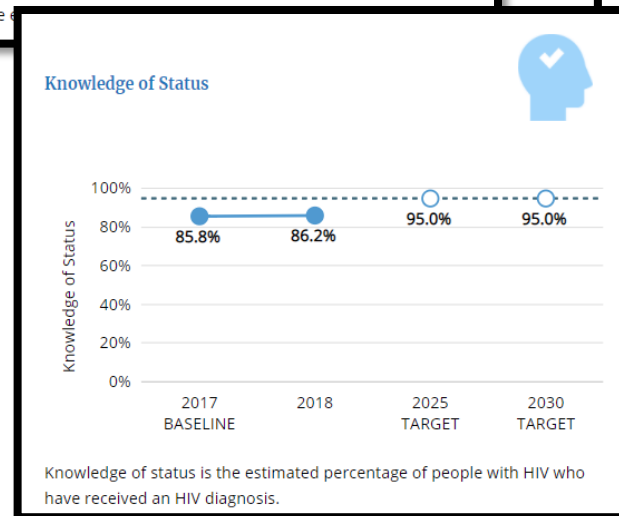
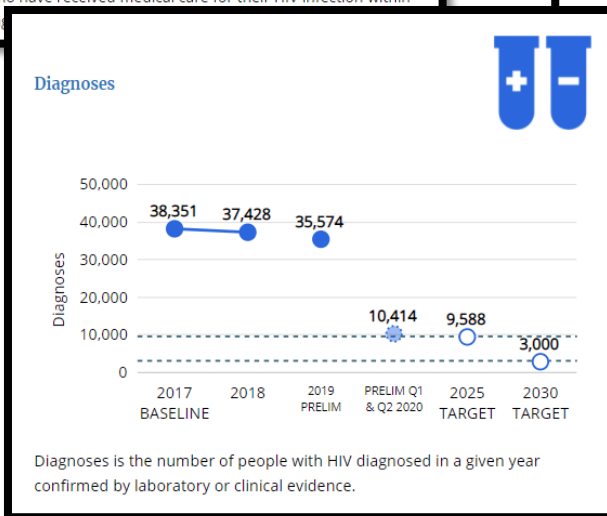
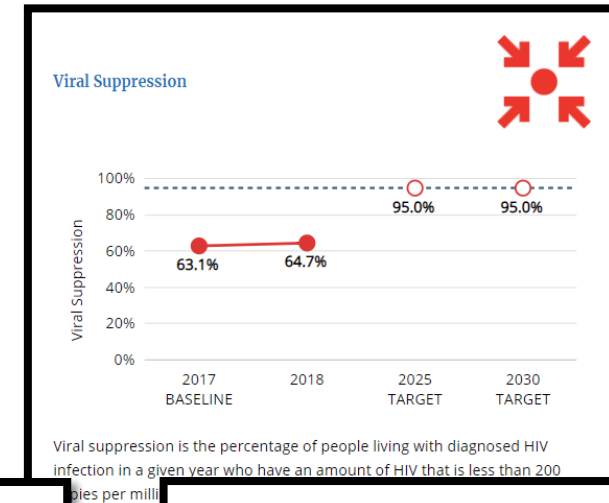
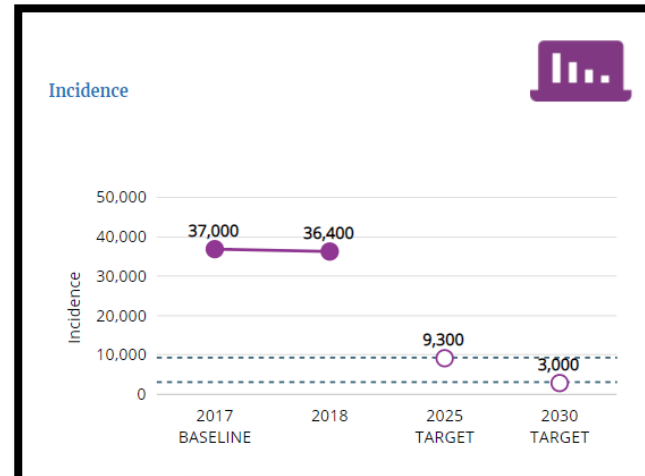
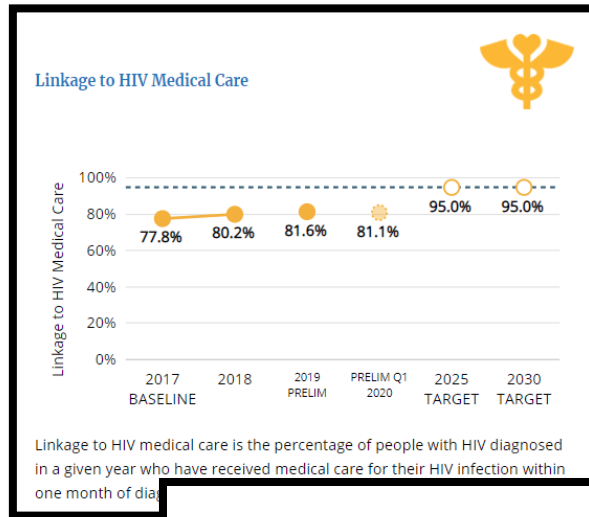
Data-Driven & Goal Oriented



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

AHEAD is a data-driven effort and the only HIV dashboard to compare progress and official EHE goals



Based on Feedback from Audience Input



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

Since August 2019, feedback has been collected from major stakeholder groups to provide input on what data and features would be most helpful to make progress towards ending the HIV epidemic in America.

AHEAD as a Common Resource

As presented at USCHA Workshop, October 20, 2020



| JURISDICTIONS | COMMUNITY-BASED ORGANIZATIONS | ADVOCATES | HEALTH EDUCATORS | SERVICE PROVIDERS |
|---|--|--|--|---|
| <ul style="list-style-type: none">• Compare, coordinate, strategize, evaluate programmatic interventions• Improve community plans and grant applications | <ul style="list-style-type: none">• Identify service gaps• Prioritize interventions• Compare outcomes with CBOs in other jurisdictions | <ul style="list-style-type: none">• Develop priorities for advocacy and education• Download information for advocacy briefings• Benchmark progress against other communities | <ul style="list-style-type: none">• Make educational materials locally relevant and more impactful | <ul style="list-style-type: none">• Understand the specific characteristics of the clients served |



Jurisdictional Comparisons

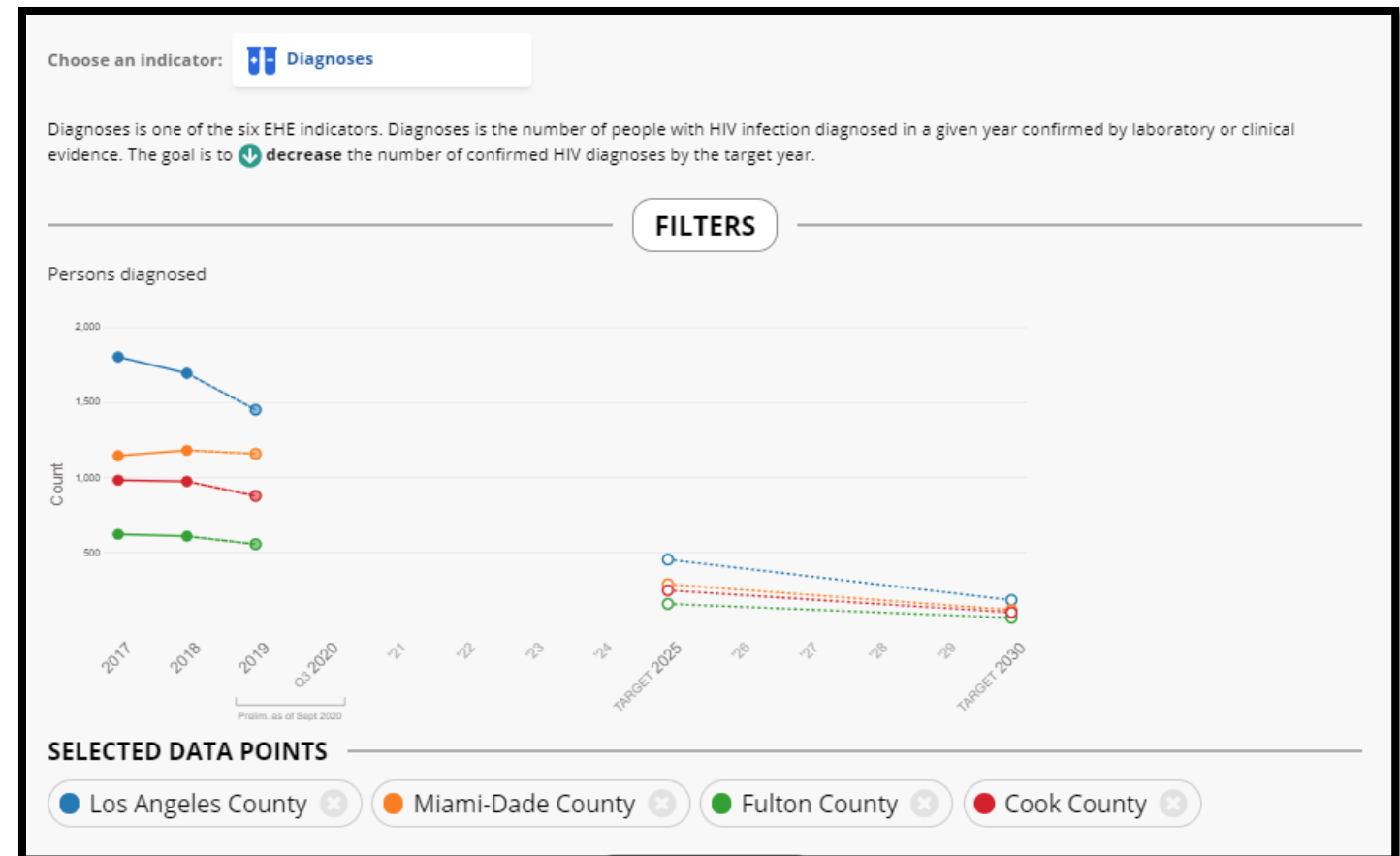


Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

Standardized Data for Comparisons

- **Standardized CDC data**— allows users to customize and compare multiple jurisdictions (even from different states) on the same graph
- **Suggestions of similar jurisdictions based on EHE progress**— Machine learning that helps users identify jurisdictions that are making similar progress across all 6 indicators



New Data Quarterly



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

New Data

- Data updated on a quarterly basis for diagnoses, linkage to care, and PrEP coverage



Added Context

- Side-by-side data of related indicators for the same time period

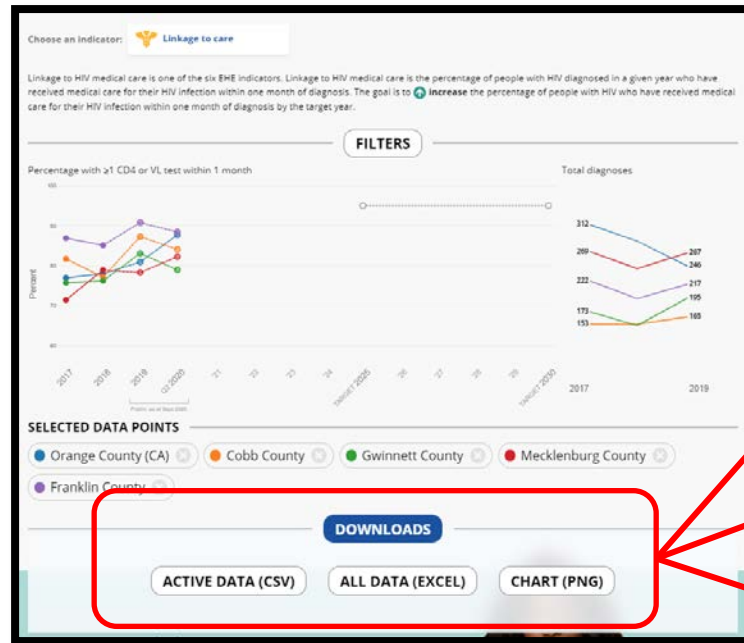
Multiple Download Options



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

Tailor data downloads, including graphs and selected data points to use in plans, presentations, and reports.



| | 2017 | 2018 | 2019 | Q2 2020 |
|--------------------|------|------|------|---------|
| county | | | | |
| Orange County (CA) | 76.9 | 78 | 80.9 | 87.7 |
| Cobb County | 81.7 | 77.1 | 87.3 | 84.1 |
| Gwinnett County | 75.7 | 76.2 | 83.1 | 78.9 |
| Mecklenburg County | 71.4 | 78.9 | 78.3 | 82.2 |
| Franklin County | 86.9 | 85.1 | 90.8 | 88.4 |

2019-2020: Prelim. as of Sept 2020

, Percentage with ≥1 CD4 or VL test, Percentage with ≥1 CD4 or VL test, Percentage with ≥1 CD4 or VL test, Percentage with ≥1 CD4 or VL test, Percentage with ≥1 CD4 or VL test, Percentage with ≥1 CD4 or VL test, Total diagnoses, Total diagnoses, Total diagnoses, Total diagnoses county, 2017, 2018, 2019, Q2 2020, TARGET 2025, TARGET 2030, 2017, 2018, 2019, Q2 2020
Orange County (CA), 76.9, 78.0, 80.9, 87.7, 95.0, 95.0, 312, 286, 246, 130
Cobb County, 81.7, 77.1, 87.3, 84.1, 95.0, 95.0, 153, 153, 165, 44
Gwinnett County, 75.7, 76.2, 83.1, 78.9, 95.0, 95.0, 173, 151, 193, 57

| Data for the years 2017 and 2020 are preliminary. Query the impact of the COVID-19 pandemic. Interpret with caution. | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Knowledge of states | | | | | | | | | | | | | | | |
| 2017 | | | | | | | | | | | | | | | |
| 2018 | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | |
| 2020 | | | | | | | | | | | | | | | |
| 2021 | | | | | | | | | | | | | | | |
| 2022 | | | | | | | | | | | | | | | |
| 2023 | | | | | | | | | | | | | | | |
| 2024 | | | | | | | | | | | | | | | |
| 2025 | | | | | | | | | | | | | | | |
| 2026 | | | | | | | | | | | | | | | |
| 2027 | | | | | | | | | | | | | | | |
| 2028 | | | | | | | | | | | | | | | |
| 2029 | | | | | | | | | | | | | | | |
| 2030 | | | | | | | | | | | | | | | |
| 2031 | | | | | | | | | | | | | | | |
| 2032 | | | | | | | | | | | | | | | |
| 2033 | | | | | | | | | | | | | | | |
| 2034 | | | | | | | | | | | | | | | |
| 2035 | | | | | | | | | | | | | | | |
| 2036 | | | | | | | | | | | | | | | |
| 2037 | | | | | | | | | | | | | | | |
| 2038 | | | | | | | | | | | | | | | |
| 2039 | | | | | | | | | | | | | | | |
| 2040 | | | | | | | | | | | | | | | |
| 2041 | | | | | | | | | | | | | | | |
| 2042 | | | | | | | | | | | | | | | |
| 2043 | | | | | | | | | | | | | | | |
| 2044 | | | | | | | | | | | | | | | |
| 2045 | | | | | | | | | | | | | | | |
| 2046 | | | | | | | | | | | | | | | |
| 2047 | | | | | | | | | | | | | | | |
| 2048 | | | | | | | | | | | | | | | |
| 2049 | | | | | | | | | | | | | | | |
| 2050 | | | | | | | | | | | | | | | |
| 2051 | | | | | | | | | | | | | | | |
| 2052 | | | | | | | | | | | | | | | |
| 2053 | | | | | | | | | | | | | | | |
| 2054 | | | | | | | | | | | | | | | |
| 2055 | | | | | | | | | | | | | | | |
| 2056 | | | | | | | | | | | | | | | |
| 2057 | | | | | | | | | | | | | | | |
| 2058 | | | | | | | | | | | | | | | |
| 2059 | | | | | | | | | | | | | | | |
| 2060 | | | | | | | | | | | | | | | |
| 2061 | | | | | | | | | | | | | | | |
| 2062 | | | | | | | | | | | | | | | |
| 2063 | | | | | | | | | | | | | | | |
| 2064 | | | | | | | | | | | | | | | |
| 2065 | | | | | | | | | | | | | | | |
| 2066 | | | | | | | | | | | | | | | |
| 2067 | | | | | | | | | | | | | | | |
| 2068 | | | | | | | | | | | | | | | |
| 2069 | | | | | | | | | | | | | | | |
| 2070 | | | | | | | | | | | | | | | |
| 2071 | | | | | | | | | | | | | | | |
| 2072 | | | | | | | | | | | | | | | |
| 2073 | | | | | | | | | | | | | | | |
| 2074 | | | | | | | | | | | | | | | |
| 2075 | | | | | | | | | | | | | | | |
| 2076 | | | | | | | | | | | | | | | |
| 2077 | | | | | | | | | | | | | | | |
| 2078 | | | | | | | | | | | | | | | |
| 2079 | | | | | | | | | | | | | | | |
| 2080 | | | | | | | | | | | | | | | |
| 2081 | | | | | | | | | | | | | | | |
| 2082 | | | | | | | | | | | | | | | |
| 2083 | | | | | | | | | | | | | | | |
| 2084 | | | | | | | | | | | | | | | |
| 2085 | | | | | | | | | | | | | | | |
| 2086 | | | | | | | | | | | | | | | |
| 2087 | | | | | | | | | | | | | | | |
| 2088 | | | | | | | | | | | | | | | |
| 2089 | | | | | | | | | | | | | | | |
| 2090 | | | | | | | | | | | | | | | |
| 2091 | | | | | | | | | | | | | | | |
| 2092 | | | | | | | | | | | | | | | |
| 2093 | | | | | | | | | | | | | | | |
| 2094 | | | | | | | | | | | | | | | |
| 2095 | | | | | | | | | | | | | | | |
| 2096 | | | | | | | | | | | | | | | |
| 2097 | | | | | | | | | | | | | | | |
| 2098 | | | | | | | | | | | | | | | |
| 2099 | | | | | | | | | | | | | | | |
| 2100 | | | | | | | | | | | | | | | |
| 2101 | | | | | | | | | | | | | | | |
| 2102 | | | | | | | | | | | | | | | |
| 2103 | | | | | | | | | | | | | | | |
| 2104 | | | | | | | | | | | | | | | |
| 2105 | | | | | | | | | | | | | | | |
| 2106 | | | | | | | | | | | | | | | |
| 2107 | | | | | | | | | | | | | | | |
| 2108 | | | | | | | | | | | | | | | |
| 2109 | | | | | | | | | | | | | | | |
| 2110 | | | | | | | | | | | | | | | |
| 2111 | | | | | | | | | | | | | | | |
| 2112 | | | | | | | | | | | | | | | |
| 2113 | | | | | | | | | | | | | | | |
| 2114 | | | | | | | | | | | | | | | |
| 2115 | | | | | | | | | | | | | | | |
| 2116 | | | | | | | | | | | | | | | |
| 2117 | | | | | | | | | | | | | | | |
| 2118 | | | | | | | | | | | | | | | |
| 2119 | | | | | | | | | | | | | | | |
| 2120 | | | | | | | | | | | | | | | |
| 2121 | | | | | | | | | | | | | | | |
| 2122 | | | | | | | | | | | | | | | |
| 2123 | | | | | | | | | | | | | | | |
| 2124 | | | | | | | | | | | | | | | |
| 2125 | | | | | | | | | | | | | | | |
| 2126 | | | | | | | | | | | | | | | |
| 2127 | | | | | | | | | | | | | | | |
| 2128 | | | | | | | | | | | | | | | |
| 2129 | | | | | | | | | | | | | | | |
| 2130 | | | | | | | | | | | | | | | |
| 2131 | | | | | | | | | | | | | | | |
| 2132 | | | | | | | | | | | | | | | |
| 2133 | | | | | | | | | | | | | | | |
| 2134 | | | | | | | | | | | | | | | |
| 2135 | | | | | | | | | | | | | | | |
| 2136 | | | | | | | | | | | | | | | |
| 2137 | | | | | | | | | | | | | | | |
| 2138 | | | | | | | | | | | | | | | |
| 2139 | | | | | | | | | | | | | | | |
| 2140 | | | | | | | | | | | | | | | |
| 2141 | | | | | | | | | | | | | | | |
| 2142 | | | | | | | | | | | | | | | |
| 2143 | | | | | | | | | | | | | | | |
| 2144 | | | | | | | | | | | | | | | |
| 2145 | | | | | | | | | | | | | | | |
| 2146 | | | | | | | | | | | | | | | |
| 2147 | | | | | | | | | | | | | | | |
| 2148 | | | | | | | | | | | | | | | |
| 2149 | | | | | | | | | | | | | | | |
| 2150 | | | | | | | | | | | | | | | |
| 2151 | | | | | | | | | | | | | | | |
| 2152 | | | | | | | | | | | | | | | |
| 2153 | | | | | | | | | | | | | | | |
| 2154 | | | | | | | | | | | | | | | |
| 2155 | | | | | | | | | | | | | | | |
| 2156 | | | | | | | | | | | | | | | |
| 2157 | | | | | | | | | | | | | | | |
| 2158 | | | | | | | | | | | | | | | |
| 2159 | | | | | | | | | | | | | | | |
| 2160 | | | | | | | | | | | | | | | |
| 2161 | | | | | | | | | | | | | | | |
| 2162 | | | | | | | | | | | | | | | |
| 2163 | | | | | | | | | | | | | | | |
| 2164 | | | | | | | | | | | | | | | |
| 2165 | | | | | | | | | | | | | | | |
| 2166 | | | | | | | | | | | | | | | |
| 2167 | | | | | | | | | | | | | | | |
| 2168 | | | | | | | | | | | | | | | |
| 2169 | | | | | | | | | | | | | | | |
| 2170 | | | | | | | | | | | | | | | |
| 2171 | | | | | | | | | | | | | | | |
| 2172 | | | | | | | | | | | | | | | |
| 2173 | | | | | | | | | | | | | | | |
| 2174 | | | | | | | | | | | | | | | |
| 2175 | | | | | | | | | | | | | | | |
| 2176 | | | | | | | | | | | | | | | |
| 2177 | | | | | | | | | | | | | | | |
| 2178 | | | | | | | | | | | | | | | |
| 2179 | | | | | | | | | | | | | | | |
| 2180 | | | | | | | | | | | | | | | |
| 2181 | | | | | | | | | | | | | | | |
| 2182 | | | | | | | | | | | | | | | |
| 2183 | | | | | | | | | | | | | | | |
| 2184 | | | | | | | | | | | | | | | |
| 2185 | | | | | | | | | | | | | | | |
| 2186 | | | | | | | | | | | | | | | |
| 2187 | | | | | | | | | | | | | | | |
| 2188 | | | | | | | | | | | | | | | |
| 2189 | | | | | | | | | | | | | | | |
| 2190 | | | | | | | | | | | | | | | |
| 2191 | | | | | | | | | | | | | | | |
| 2192 | | | | | | | | | | | | | | | |
| 2193 | | | | | | | | | | | | | | | |
| 2194 | | | | | | | | | | | | | | | |
| 2195 | | | | | | | | | | | | | | | |
| 2196 | | | | | | | | | | | | | | | |
| 2197 | | | | | | | | | | | | | | | |
| 2198 | | | | | | | | | | | | | | | |
| 2199 | | | | | | | | | | | | | | | |
| 2200 | | | | | | | | | | | | | | | |
| 2201 | | | | | | | | | | | | | | | |
| 2202 | | | | | | | | | | | | | | | |
| 2203 | | | | | | | | | | | | | | | |
| 2204 | | | | | | | | | | | | | | | |
| 2205 | | | | | | | | | | | | | | | |
| 2206 | | | | | | | | | | | | | | | |
| 2207 | | | | | | | | | | | | | | | |
| 2208 | | | | | | | | | | | | | | | |
| 2209 | | | | | | | | | | | | | | | |
| 2210 | | | | | | | | | | | | | | | |
| 2211 | | | | | | | | | | | | | | | |
| 2212 | | | | | | | | | | | | | | | |
| 2213 | | | | | | | | | | | | | | | |
| 2214 | | | | | | | | | | | | | | | |
| 2215 | | | | | | | | | | | | | | | |
| 2216 | | | | | | | | | | | | | | | |
| 2217 | | | | | | | | | | | | | | | |
| 2218 | | | | | | | | | | | | | | | |
| 2219 | | | | | | | | | | | | | | | |
| 2220 | | | | | | | | | | | | | | | |
| 2221 | | | | | | | | | | | | | | | |
| 2222 | | | | | | | | | | | | | | | |
| 2223 | | | | | | | | | | | | | | | |
| 2224 | | | | | | | | | | | | | | | |
| 2225 | | | | | | | | | | | | | | | |
| 2226 | | | | | | | | | | | | | | | |
| 2227 | | | | | | | | | | | | | | | |
| 2228 | | | | | | | | | | | | | | | |
| 2229 | | | | | | | | | | | | | | | |
| 2230 | | | | | | | | | | | | | | | |
| 2231 | | | | | | | | | | | | | | | |
| 2232 | | | | | | | | | | | | | | | |
| 2233 | | | | | | | | | | | | | | | |
| 2234 | | | | | | | | | | | | | | | |
| 2235 | | | | | | | | | | | | | | | |
| 2236 | | | | | | | | | | | | | | | |
| 2237 | | | | | | | | | | | | | | | |
| 2238 | | | | | | | | | | | | | | | |
| 2239 | | | | | | | | | | | | | | | |
| 2240 | | | | | | | | | | | | | | | |
| 2241 | | | | | | | | | | | | | | | |
| 2242 | | | | | | | | | | | | | | | |
| 2243 | | | | | | | | | | | | | | | |
| 2244 | | | | | | | | | | | | | | | |
| 2245 | | | | | | | | | | | | | | | |
| 2246 | | | | | | | | | | | | | | | |
| 2247 | | | | | | | | | | | | | | | |
| 2248 | | | | | | | | | | | | | | | |
| 2249 | | | | | | | | | | | | | | | |
| 2250 | | | | | | | | | | | | | | | |
| 2251 | | | | | | | | | | | | | | | |
| 2252 | | | | | | | | | | | | | | | |
| 2253 | | | | | | | | | | | | | | | |
| 2254 | | | | | | | | | | | | | | | |
| 2255 | | | | | | | | | | | | | | | |
| 2256 | | | | | | | | | | | | | | | |
| 2257 | | | | | | | | | | | | | | | |
| 2258 | | | | | | | | | | | | | | | |
| 2259 | | | | | | | | | | | | | | | |
| 2260 | | | | | | | | | | | | | | | |
| 2261 | | | | | | | | | | | | | | | |
| 2262 | | | | | | | | | | | | | | | |
| 2263 | | | | | | | | | | | | | | | |
| 2264 | | | | | | | | | | | | | | | |
| 2265 | | | | | | | | | | | | | | | |
| 2266 | | | | | | | | | | | | | | | |
| 2267 | | | | | | | | | | | | | | | |
| 2268 | | | | | | | | | | | | | | | |
| 2269 | | | | | | | | | | | | | | | |
| 2270 | | | | | | | | | | | | | | | |
| 2271 | | | | | | | | | | | | | | | |
| 2272 | | | | | | | | | | | | | | | |
| 2273 | | | | | | | | | | | | | | | |
| 2274 | | | | | | | | | | | | | | | |
| 2275 | | | | | | | | | | | | | | | |
| 2276 | | | | | | | | | | | | | | | |
| 2277 | | | | | | | | | | | | | | | |
| 2278 | | | | | | | | | | | | | | | |
| 2279 | | | | | | | | | | | | | | | |
| 2280 | | | | | | | | | | | | | | | |
| 2281 | | | | | | | | | | | | | | | |
| 2282 | | | | | | | | | | | | | | | |
| 2283 | | | | | | | | | | | | | | | |
| 2284 | | | | | | | | | | | | | | | |
| 2285 | | | | | | | | | | | | | | | |
| 2286 | | | | | | | | | | | | | | | |
| 2287 | | | | | | | | | | | | | | | |
| 2288 | | | | | | | | | | | | | | | |
| 2289 | | | | | | | | | | | | | | | |
| 2290 | | | | | | | | | | | | | | | |
| 2291 | | | | | | | | | | | | | | | |
| 2292 | | | | | | | | | | | | | | | |
| 2293 | | | | | | | | | | | | | | | |
| 2294 | | | | | | | | | | | | | | | |
| 2295 | | | | | | | | | | | | | | | |
| 2296 | | | | | | | | | | | | | | | |
| 2297 | | | | | | | | | | | | | | | |
| 2298 | | | | | | | | | | | | | | | |
| 2299 | | | | | | | | | | | | | | | |
| 2300 | | | | | | | | | | | | | | | |
| 2301 | | | | | | | | | | | | | | | |
| 2302 | | | | | | | | | | | | | | | |
| 2303 | | | | | | | | | | | | | | | |
| 2304 | | | | | | | | | | | | | | | |
| 2305 | | | | | | | | | | | | | | | |
| 2306 | | | | | | | | | | | | | | | |
| 2307 | | | | | | | | | | | | | | | |
| 2308 | | | | | | | | | | | | | | | |
| 2309 | | | | | | | | | | | | | | | |
| 2310 | | | | | | | | | | | | | | | |
| 2311 | | | | | | | | | | | | | | | |
| 2312 | | | | | | | | | | | | | | | |
| 2313 | | | | | | | | | | | | | | | |
| 2314 | | | | | | | | | | | | | | | |
| 2315 | | | | | | | | | | | | | | | |
| 2316 | | | | | | | | | | | | | | | |
| 2317 | | | | | | | | | | | | | | | |
| 2318 | | | | | | | | | | | | | | | |
| 2319 | | | | | | | | | | | | | | | |
| 2320 | | | | | | | | | | | | | | | |
| 2321 | | | | | | | | | | | | | | | |
| 2322 | | | | | | | | | | | | | | | |
| 2323 | | | | | | | | | | | | | | | |
| 2324 | | | | | | | | | | | | | | | |
| 2325 | | | | | | | | | | | | | | | |
| 2326 | | | | | | | | | | | | | | | |
| 2327 | | | | | | | | | | | | | | | |
| 2328 | | | | | | | | | | | | | | | |
| 2329 | | | | | | | | | | | | | | | |
| 2330 | | | | | | | | | | | | | | | |
| 2331 | | | | | | | | | | | | | | | |
| 2332 | | | | | | | | | | | | | | | |
| 2333 | | | | | | | | | | | | | | | |
| 2334 | | | | | | | | | | | | | | | |
| 2335 | | | | | | | | | | | | | | | |
| 2336 | | | | | | | | | | | | | | | |
| 2337 | | | | | | | | | | | | | | | |
| 2338 | | | | | | | | | | | | | | | |
| 2339 | | | | | | | | | | | | | | | |
| 2340 | | | | | | | | | | | | | | | |
| 2341 | | | | | | | | | | | | | | | |
| 2342 | | | | | | | | | | | | | | | |
| 2343 | | | | | | | | | | | | | | | |
| 2344 | | | | | | | | | | | | | | | |
| 2345 | | | | | | | | | | | | | | | |
| 2346 | | | | | | | | | | | | | | | |
| 2347 | | | | | | | | | | | | | | | |
| 2348 | | | | | | | | | | | | | | | |
| 2349 | | | | | | | | | | | | | | | |
| 2350 | | | | | | | | | | | | | | | |
| 2351 | | | | | | | | | | | | | | | |
| 2352 | | | | | | | | | | | | | | | |
| 2353 | | | | | | | | | | | | | | | |
| 2354 | | | | | | | | | | | | | | | |
| 2355 | | | | | | | | | | | | | | | |
| 2356 | | | | | | | | | | | | | | | |
| 2357 | | | | | | | | | | | | | | | |
| 2358 | | | | | | | | | | | | | | | |
| 2359 | | | | | | | | | | | | | | | |
| 2360 | | | | | | | | | | | | | | | |
| 2361 | | | | | | | | | | | | | | | |
| 2362 | | | | | | | | | | | | | | | |
| 2363 | | | | | | | | | | | | | | | |
| 2364 | | | | | | | | | | | | | | | |
| 2365 | | | | | | | | | | | | | | | |
| 2366 | | | | | | | | | | | | | | | |
| 2367 | | | | | | | | | | | | | | | |
| 2368 | | | | | | | | | | | | | | | |
| 2369 | | | | | | | | | | | | | | | |
| 2370 | | | | | | | | | | | | | | | |
| 2371 | | | | | | | | | | | | | | | |
| 2372 | | | | | | | | | | | | | | | |
| 2373 | | | | | | | | | | | | | | | |
| 2374 | | | | | | | | | | | | | | | |
| 2375 | | | | | | | | | | | | | | | |
| 2376 | | | | | | | | | | | | | | | |
| 2377 | | | | | | | | | | | | | | | |
| 2378 | | | | | | | | | | | | | | | |
| 2379 | | | | | | | | | | | | | | | |
| 2380 | | | | | | | | | | | | | | | |
| 2381 | | | | | | | | | | | | | | | |
| 2382 | | | | | | | | | | | | | | | |
| 2383 | | | | | | | | | | | | | | | |
| 2384 | | | | | | | | | | | | | | | |
| 2385 | | | | | | | | | | | | | | | |
| 2386 | | | | | | | | | | | | | | | |
| 2387 | | | | | | | | | | | | | | | |
| 2388 | | | | | | | | | | | | | | | |
| 2389 | | | | | | | | | | | | | | | |
| 2390 | | | | | | | | | | | | | | | |
| 2391 | | | | | | | | | | | | | | | |
| 2392 | | | | | | | | | | | | | | | |
| 2393 | | | | | | | | | | | | | | | |
| 2394 | | | | | | | | | | | | | | | |
| 2395 | | | | | | | | | | | | | | | |
| 2396 | | | | | | | | | | | | | | | |
| 2397 | | | | | | | | | | | | | | | |
| 2398 | | | | | | | | | | | | | | | |
| 2399 | | | | | | | | | | | | | | | |
| 2400 | | | | | | | | | | | | | | | |
| 2401 | | | | | | | | | | | | | | | |
| 2402 | | | | | | | | | | | | | | | |
| 2403 | | | | | | | | | | | | | | | |
| 2404 | | | | | | | | | | | | | | | |
| 2405 | | | | | | | | | | | | | | | |
| 2406 | | | | | | | | | | | | | | | |
| 2407 | | | | | | | | | | | | | | | |
| 2408 | | | | | | | | | | | | | | | |
| 2409 | | | | | | | | | | | | | | | |
| 2410 | | | | | | | | | | | | | | | |
| 2411 | | | | | | | | | | | | | | | |
| 2412 | | | | | | | | | | | | | | | |
| 2413 | | | | | | | | | | | | | | | |
| 2414 | | | | | | | | | | | | | | | |
| 2415 | | | | | | | | | | | | | | | |
| 2416 | | | | | | | | | | | | | | | |
| 2417 | | | | | | | | | | | | | | | |
| 2418 | | | | | | | | | | | | | | | |
| 2419 | | | | | | | | | | | | | | | |
| 2420 | | | | | | | | | | | | | | | |
| 2421 | | | | | | | | | | | | | | | |
| 2422 | | | | | | | | | | | | | | | |
| 2423 | | | | | | | | | | | | | | | |
| 2424 | | | | | | | | | | | | | | | |
| 2425 | | | | | | | | | | | | | | | |
| 2426 | | | | | | | | | | | | | | | |
| 2427 | | | | | | | | | | | | | | | |
| 2428 | | | | | | | | | | | | | | | |
| 2429 | | | | | | | | | | | | | | | |
| 2430 | | | | | | | | | | | | | | | |
| 2431 | | | | | | | | | | | | | | | |
| 2432 | | | | | | | | | | | | | | | |
| 2433 | | | | | | | | | | | | | | | |
| 2434 | | | | | | | | | | | | | | | |
| 2435 | | | | | | | | | | | | | | | |
| 2436 | | | | | | | | | | | | | | | |
| 2437 | | | | | | | | | | | | | | | |
| 2438 | | | | | | | | | | | | | | | |
| 2439 | | | | | | | | | | | | | | | |
| 2440 | | | | | | | | | | | | | | | |
| 2441 | | | | | | | | | | | | | | | |
| 2442 | | | | | | | | | | | | | | | |
| 2443 | | | | | | | | | | | | | | | |
| 2444 | | | | | | | | | | | | | | | |
| 2445 | | | | | | | | | | | | | | | |
| 2446 | | | | | | | | | | | | | | | |
| 2447 | | | | | | | | | | | | | | | |
| 2448 | | | | | | | | | | | | | | | |
| 2449 | | | | | | | | | | | | | | | |
| 2450 | | | | | | | | | | | | | | | |
| 2451 | | | | | | | | | | | | | | | |
| 2452 | | | | | | | | | | | | | | | |
| 2453 | | | | | | | | | | | | | | | |
| 2454 | | | | | | | | | | | | | | | |
| 2455 | | | | | | | | | | | | | | | |
| 2456 | | | | | | | | | | | | | | | |
| 2457 | | | | | | | | | | | | | | | |
| 2458 | | | | | | | | | | | | | | | |
| 2459 | | | | | | | | | | | | | | | |
| 2460 | | | | | | | | | | | | | | | |
| 2461 | | | | | | | | | | | | | | | |
| 2462 | | | | | | | | | | | | | | | |
| 2463 | | | | | | | | | | | | | | | |
| 2464 | | | | | | | | | | | | | | | |
| 2465 | | | | | | | | | | | | | | | |
| 2466 | | | | | | | | | | | | | | | |
| 2467 | | | | | | | | | | | | | | | |
| 2468 | | | | | | | | | | | | | | | |
| 2469 | | | | | | | | | | | | | | | |
| 2470 | | | | | | | | | | | | | | | |
| 2471 | | | | | | | | | | | | | | | |
| 2472 | | | | | | | | | | | | | | | |
| 2473 | | | | | | | | | | | | | | | |
| 2474 | | | | | | | | | | | | | | | |
| 2475 | | | | | | | | | | | | | | | |
| 2476 | | | | | | | | | | | | | | | |
| 2477 | | | | | | | | | | | | | | | |
| 2478 | | | | | | | | | | | | | | | |
| 2479 | | | | | | | | | | | | | | | |
| 2480 | | | | | | | | | | | | | | | |
| 2481 | | | | | | | | | | | | | | | |
| 2482 | | | | | | | | | | | | | | | |
| 2483 | | | | | | | | | | | | | | | |
| 2484 | | | | | | | | | | | | | | | |
| 2485 | | | | | | | | | | | | | | | |
| 2486 | | | | | | | | | | | | | | | |
| 2487 | | | | | | | | | | | | | | | |
| 2488 | | | | | | | | | | | | | | | |
| 2489 | | | | | | | | | | | | | | | |
| 2490 | | | | | | | | | | | | | | | |
| 2491 | | | | | | | | | | | | | | | |
| 2492 | | | | | | | | | | | | | | | |
| 2493 | | | | | | | | | | | | | | | |
| 2494 | | | | | | | | | | | | | | | |
| 2495 | | | | | | | | | | | | | | | |
| 2496 | | | | | | | | | | | | | | | |
| 2497 | | | | | | | | | | | | | | | |
| 2498 | | | | | | | | | | | | | | | |
| 2499 | | | | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | | | | |
| 2501 | | | | | | | | | | | | | | | |
| 2502 | | | | | | | | | | | | | | | |
| 2503 | | | | | | | | | | | | | | | |
| 2504 | | | | | | | | | | | | | | | |
| 2505 | | | | | | | | | | | | | | | |
| 2506 | | | | | | | | | | | | | | | |
| 2507 | | | | | | | | | | | | | | | |
| 2508 | | | | | | | | | | | | | | | |
| 2509 | | | | | | | | | | | | | | | |
| 2510 | | | | | | | | | | | | | | | |
| 2511 | | | | | | | | | | | | | | | |
| 2512 | | | | | | | | | | | | | | | |
| 2513 | | | | | | | | | | | | | | | |
| 2514 | | | | | | | | | | | | | | | |
| 2515 | | | | | | | | | | | | | | | |
| 2516 | | | | | | | | | | | | | | | |
| 2517 | | | | | | | | | | | | | | | |
| 2518 | | | | | | | | | | | | | | | |
| 2519 | | | | | | | | | | | | | | | |
| 2520 | | | | | | | | | | | | | | | |
| 2521 | | | | | | | | | | | | | | | |
| 2522 | | | | | | | | | | | | | | | |
| 2523 | | | | | | | | | | | | | | | |
| 2524 | | | | | | | | | | | | | | | |
| 2525 | | | | | | | | | | | | | | | |
| 2526 | | | | | | | | | | | | | | | |
| 2527 | | | | | | | | | | | | | | | |
| 2528 | | | | | | | | | | | | | | | |
| 2529 | | | | | | | | | | | | | | | |
| 2530 | | | | | | | | | | | | | | | |
| 2531 | | | | | | | | | | | | | | | |
| 2532 | | | | | | | | | | | | | | | |
| 2533 | | | | | | | | | | | | | | | |
| 2534 | | | | | | | | | | | | | | | |
| 2535 | | | | | | | | | | | | | | | |
| 2536 | | | | | | | | | | | | | | | |
| 2537 | | | | | | | | | | | | | | | |
| 2538 | | | | | | | | | | | | | | | |
| 2539 | | | | | | | | | | | | | | | |
| 2540 | | | | | | | | | | | | | | | |
| 2541 | | | | | | | | | | | | | | | |



How to Use AHEAD

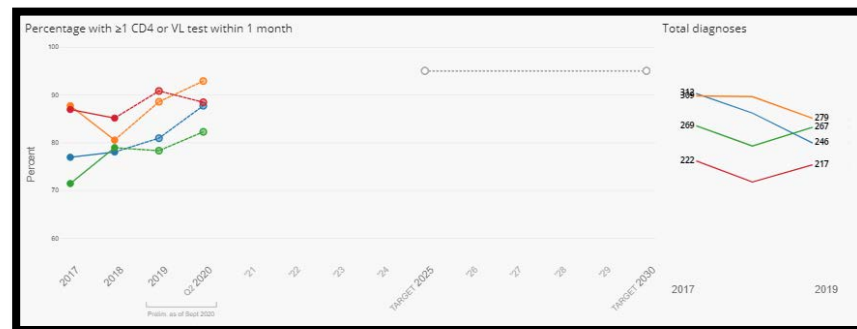
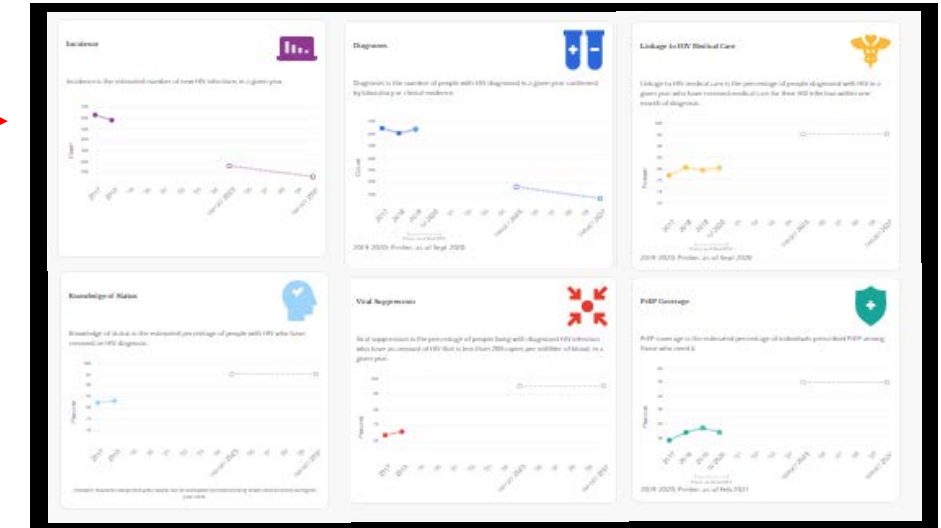
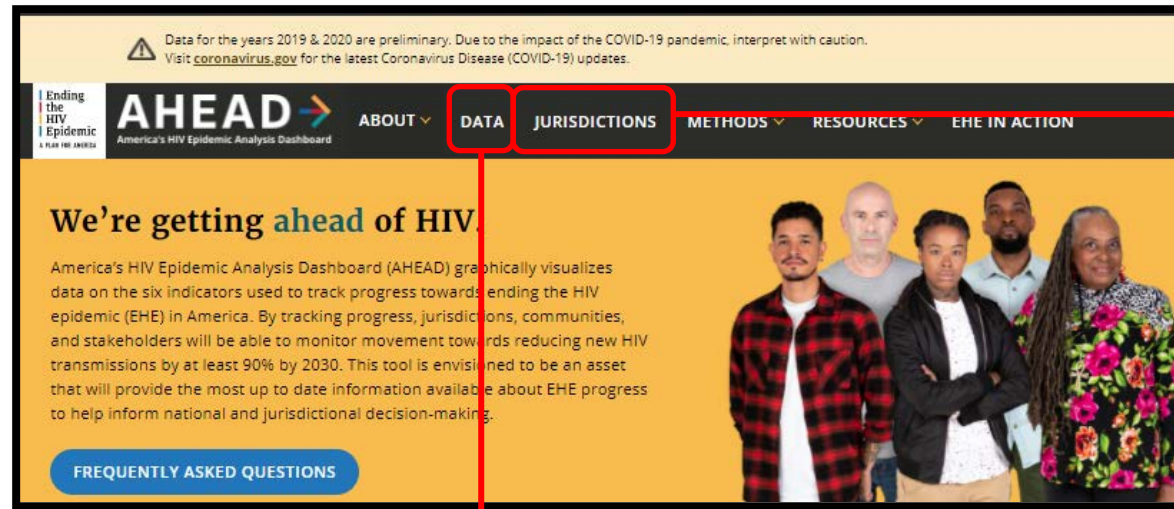
Getting to the Data



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

Data are housed in two places on AHEAD:



1. Data page

- Displays interactive graphs
- Best used for comparisons
- Only 1 indicator can be viewed at a time

2. Jurisdictions pages

- Displays all 6 indicators for the selected jurisdiction
- Best for a high level overview of one location
- Only 1 location can be viewed at a time

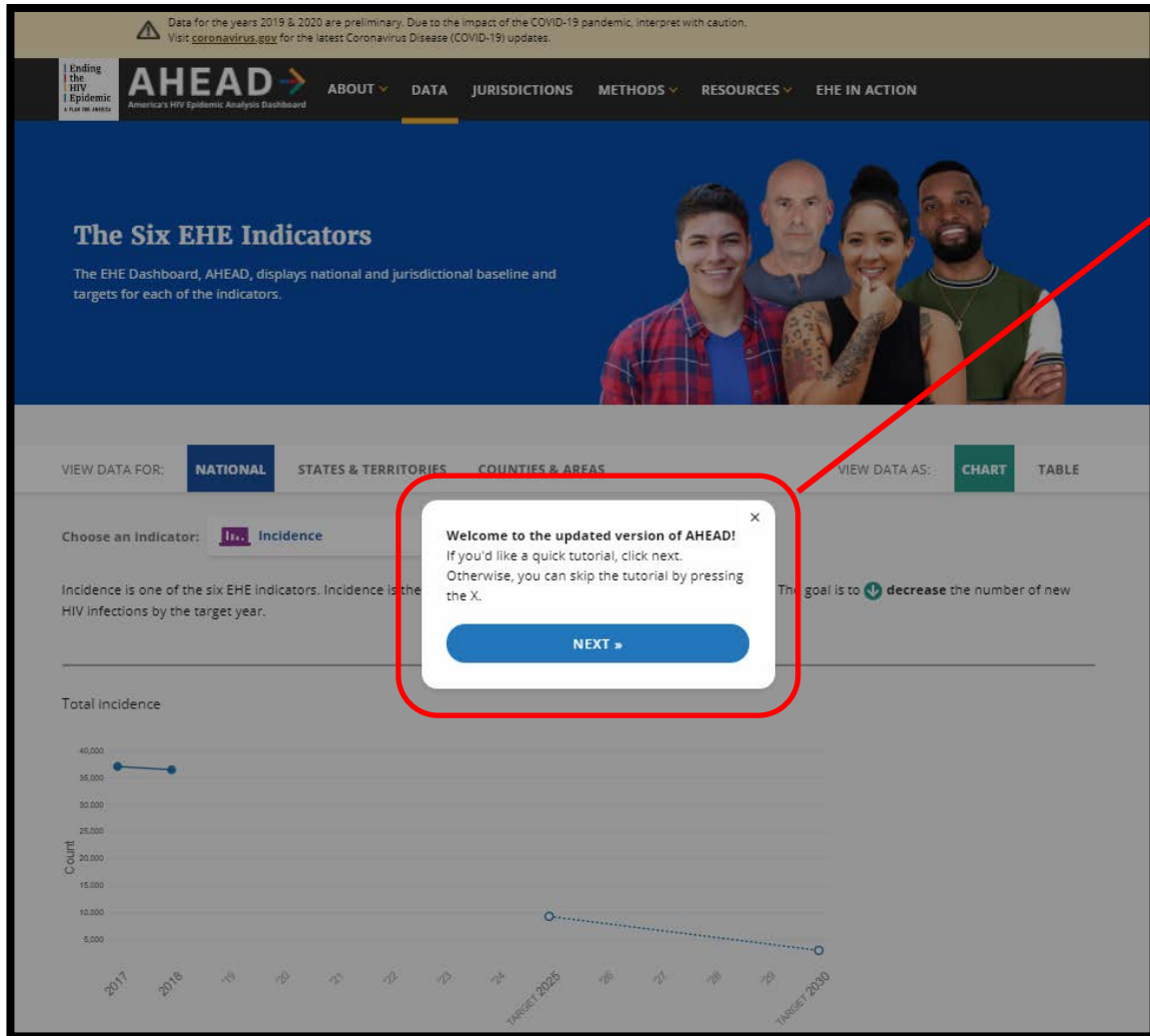
Tutorial Prompts



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

The *Data* Page



Upon first visit to the *Data* page, a pop-up will appear to provide a quick walk-through on how to interact with the graph.

Graph Navigation



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

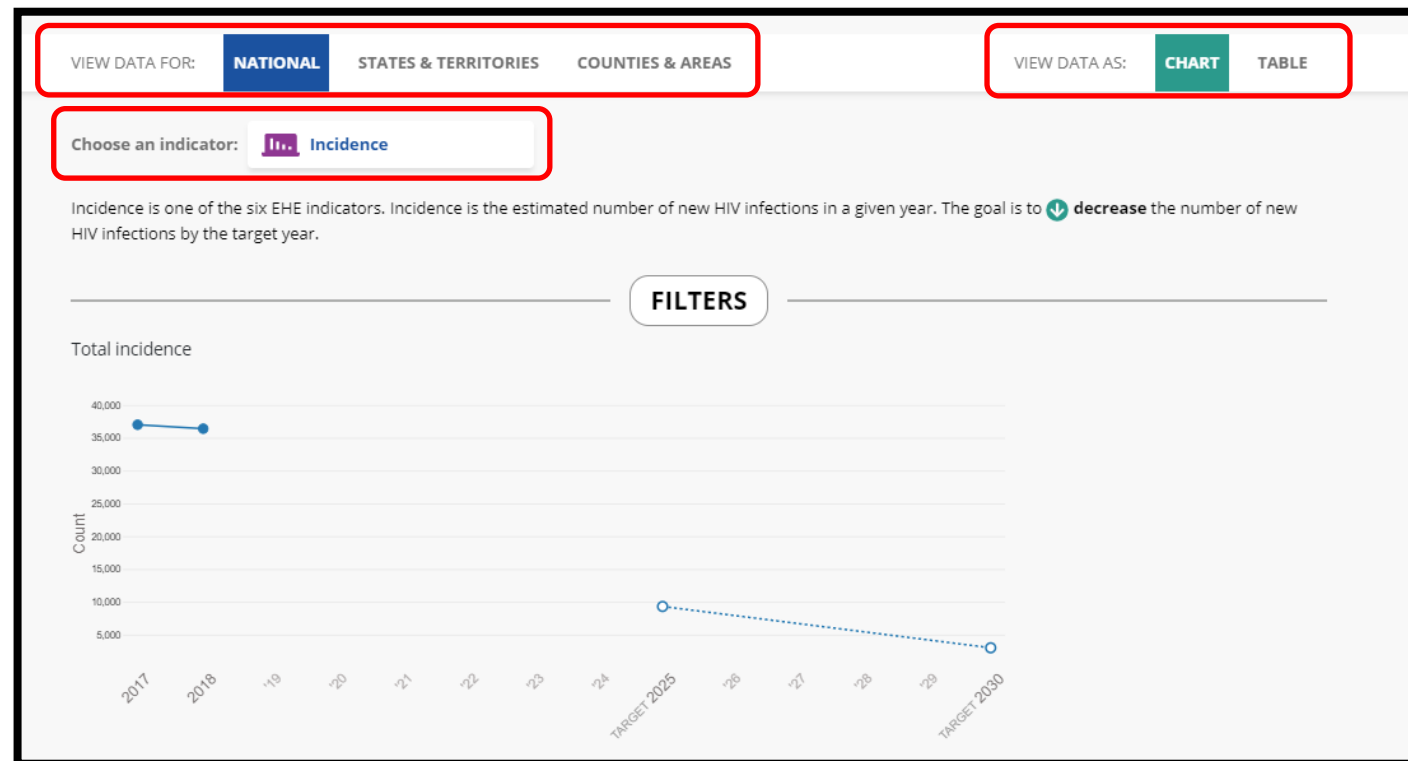
AHEAD
America's HIV Epidemic Analysis Dashboard

These selections will change what filters are available:

Switch between national,
state, and local levels

View the data graphically
or in table format

Switch between the
6 EHE indicators



National Data Filters



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

At the national level, users can filter by categories such as age, gender/sex, race/ethnicity, and transmission category.

The default is to show total, or overall, national data.

VIEW DATA FOR: **NATIONAL** STATES & TERRITORIES COUNTIES & AREAS VIEW DATA AS: **CHART** TABLE

Choose an indicator: Linkage to care

Linkage to HIV medical care is one of the six EHE indicators. Linkage to HIV medical care is the percentage of people with HIV diagnosed in a given year who have received medical care for their HIV infection within one month of diagnosis. The goal is to **increase** the percentage of people with HIV who have received medical care for their HIV infection within one month of diagnosis by the target year.

✓ FILTERS

NATIONAL

Select one or more categories:

| | | |
|---|---|--|
| <input type="checkbox"/> Age <input type="checkbox"/> 13-24 <input type="checkbox"/> 16-24 <input type="checkbox"/> 25-34 <input type="checkbox"/> 35-44 <input type="checkbox"/> 45-54 <input type="checkbox"/> over 55 | <input type="checkbox"/> Race/ethnicity <input type="checkbox"/> American Indian/Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Asian/other <input type="checkbox"/> Black/African American <input type="checkbox"/> Hispanic/Latinx <input type="checkbox"/> Multiple races <input type="checkbox"/> Native Hawaiian/Other Pacific Islander <input type="checkbox"/> White | <input checked="" type="checkbox"/> Total <input checked="" type="checkbox"/> Total |
| <input type="checkbox"/> Gender <input type="checkbox"/> Additional gender identity <input type="checkbox"/> Female (gender) <input type="checkbox"/> Male (gender) <input type="checkbox"/> Transgender female-to-male <input type="checkbox"/> Transgender male-to-female | <input type="checkbox"/> Sex at birth <input type="checkbox"/> Female (sex at birth) <input type="checkbox"/> Male (sex at birth) | <input type="checkbox"/> Transmission category <input type="checkbox"/> Heterosexual contact (female) <input type="checkbox"/> Heterosexual contact (male) <input type="checkbox"/> Injection drug use (female) <input type="checkbox"/> Injection drug use (male) <input type="checkbox"/> Male-to-male sexual contact <input type="checkbox"/> Male-to-male sexual contact and injection drug use <input type="checkbox"/> Other (female) <input type="checkbox"/> Other (male) |

CLEAR SELECTION

State/Territory Data Filters



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

EHE Priority state, States with EHE Counties, and Other states can be compared on the same graph.

By selecting the whole group (such as “Phase I EHE States”), all states within that group will be auto-selected for comparison.

Select “Filters” to see the graph.

VIEW DATA FOR: NATIONAL STATES & TERRITORIES COUNTIES & AREAS

VIEW DATA AS: CHART TABLE

Choose an indicator: Linkage to care

Linkage to HIV medical care is one of the six EHE indicators. Linkage to HIV medical care is the percentage of people with HIV diagnosed in a given year who have received medical care for their HIV infection within one month of diagnosis. The goal is to increase the percentage of people with HIV who have received medical care for their HIV infection within one month of diagnosis by the target year.

FILTERS

STATES

Select one or more states:

☒ Phase I EHE States

☒ Alabama

☒ Arkansas

☒ Kentucky

☒ Mississippi

☒ Missouri

☒ Oklahoma

☒ South Carolina

☐ States/Territories with Phase I EHE Counties/Areas

☐ Arizona

☐ California

☐ Florida

☐ Georgia

☐ Illinois

☐ Indiana

☐ Louisiana

☐ Maryland

☐ Massachusetts

☐ Michigan

☐ Nevada

☐ New Jersey

☐ New York

☐ North Carolina

☐ Ohio

☐ Pennsylvania

☐ Puerto Rico

☐ Tennessee

☐ Texas

☐ Washington

☒ Other

☐ Alaska

☐ Colorado

☐ Connecticut

☐ Delaware

☐ Hawaii

☐ Idaho

☐ Iowa

☐ Kansas

☐ Maine

☐ Minnesota

☐ Montana

☐ Nebraska

☐ New Hampshire

☐ New Mexico

☐ North Dakota

☐ Oregon

☐ Rhode Island

☐ South Dakota

☐ Utah

☐ Vermont

☐ Virginia

☐ West Virginia

☐ Wisconsin

☐ Wyoming

CLEAR SELECTION

County/Area Data Filters



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

EHE priority counties/areas can be viewed on the same graph as well, whether they are in the same state or not.

By selecting the whole group (such as “California”), all counties within that group will be auto-selected for comparison.

Select “Filters” to see the graph.

VIEW DATA FOR: NATIONAL STATES & TERRITORIES **COUNTIES & AREAS** VIEW DATA AS: **CHART** TABLE

Choose an indicator: Linkage to care

Linkage to HIV medical care is one of the six EHE indicators. Linkage to HIV medical care is the percentage of people with HIV diagnosed in a given year who have received medical care for their HIV infection within one month of diagnosis. The goal is to increase the percentage of people with HIV who have received medical care for their HIV infection within one month of diagnosis by the target year.

FILTERS **CLEAR**

JURISDICTIONS

Select one or more counties or areas to view the data. To view jurisdictions with similar data, click on the button that appears next to the jurisdiction name. Clicking the compare button will clear your other selections.

| | | |
|---|--|--|
| <input type="checkbox"/> Arizona | <input type="checkbox"/> Illinois | <input type="checkbox"/> New York |
| <input type="checkbox"/> Maricopa County | <input type="checkbox"/> Cook County | <input type="checkbox"/> Bronx County |
| <input checked="" type="checkbox"/> California | <input type="checkbox"/> Indiana | <input type="checkbox"/> Kings County |
| <input checked="" type="checkbox"/> Alameda County | <input type="checkbox"/> Marion County | <input type="checkbox"/> New York County |
| <input checked="" type="checkbox"/> Los Angeles County | <input type="checkbox"/> Louisiana | <input type="checkbox"/> Queens County |
| <input checked="" type="checkbox"/> Orange County (CA) | <input type="checkbox"/> East Baton Rouge Parish | <input type="checkbox"/> North Carolina |
| <input checked="" type="checkbox"/> Riverside County | <input type="checkbox"/> Orleans Parish | <input type="checkbox"/> Mecklenburg County |
| <input checked="" type="checkbox"/> Sacramento County | <input type="checkbox"/> Maryland | <input type="checkbox"/> Ohio |
| <input checked="" type="checkbox"/> San Bernardino County | <input type="checkbox"/> Baltimore City | <input type="checkbox"/> Cuyahoga County |
| <input checked="" type="checkbox"/> San Diego County | <input type="checkbox"/> Montgomery County | <input type="checkbox"/> Franklin County |
| <input checked="" type="checkbox"/> San Francisco County | <input type="checkbox"/> Prince George's County | <input type="checkbox"/> Hamilton County |
| <input type="checkbox"/> District of Columbia | <input type="checkbox"/> Massachusetts | <input type="checkbox"/> Pennsylvania |
| <input type="checkbox"/> District of Columbia | <input type="checkbox"/> Suffolk County | <input type="checkbox"/> Philadelphia County |
| <input type="checkbox"/> Florida | <input type="checkbox"/> Michigan | <input type="checkbox"/> Puerto Rico |
| <input type="checkbox"/> Broward County | <input type="checkbox"/> Wayne County | <input type="checkbox"/> San Juan Municipio |
| <input type="checkbox"/> Duval County | | |
| <input type="checkbox"/> Hillsborough County | | |
| <input type="checkbox"/> Miami-Dade County | | |

Similar Jurisdiction Functionality

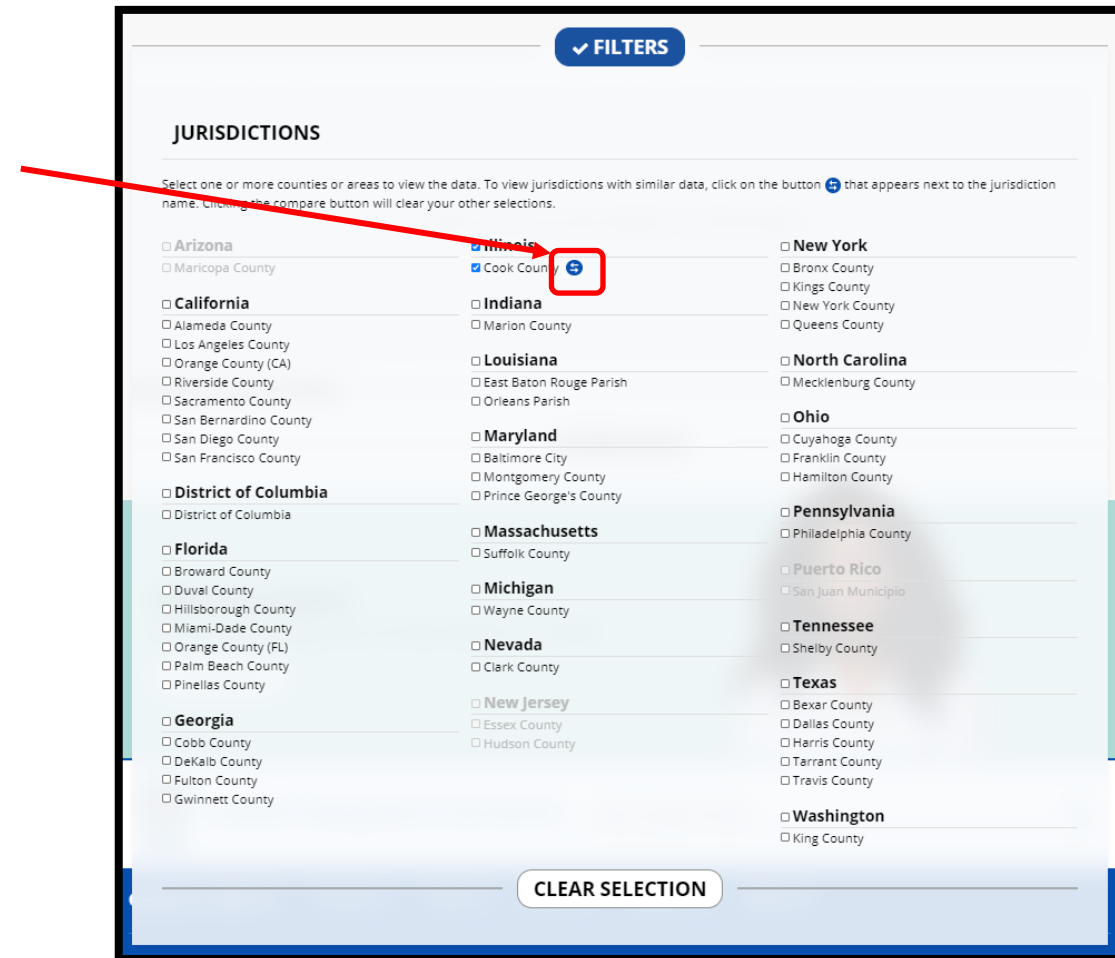


The Similar Jurisdiction Functionality was designed based on stakeholder requests to easily identify and compare similar EHE jurisdictions.

The "Show Similar Jurisdiction" functionality identifies the three most similar EHE counties/areas based on a jurisdiction's EHE progress across all six indicators.

Similar jurisdictions may be different along some indicators but will not be significantly different along all of them.

These similar jurisdictions may be interested in communicating with and exploring similar strategies in order to better achieve EHE goals.



For more information on the technical methodologies behind this functionality, see the [backup slides](#).

Similar Jurisdiction Functionality (Continued)




Select the checkbox of one county/area.

Then select the blue arrows button to the right of that county.

Three other counties/areas will auto-select based on similar EHE progress.

✓ FILTERS

JURISDICTIONS


Select one or more counties or areas to view the data. To view jurisdictions with similar data, click on the button  that appears next to the jurisdiction name. Clicking the compare button will clear your other selections.

☐ Arizona

☐ Maricopa County

☒ California

☐ Alameda County

☒ Los Angeles County 

☐ Orange County (CA)

☐ Riverside County

☐ Sacramento County

☐ San Bernardino County

☐ San Diego County

☐ San Francisco County

☐ District of Columbia


☐ District of Columbia

☒ Florida

☐ Broward County

☐ Duval County

☐ Hillsborough County

☒ Miami-Dade County 

☐ Orange County (FL)


☐ Palm Beach County

☐ Pinellas County

☒ Georgia


☐ Cobb County

☐ DeKalb County

☒ Fulton County 

☐ Gwinnett County

☒ Illinois

☒ Cook County 

☐ Indiana

☐ Marion County

☐ Louisiana

☐ East Baton Rouge Parish

☐ Orleans Parish

☐ Maryland

☐ Baltimore City

☐ Montgomery County

☐ Prince George's County

☐ Massachusetts

☐ Suffolk County

☐ Michigan

☐ Wayne County

☐ Nevada

☐ Clark County

☐ New Jersey

☐ Essex County

☐ Hudson County

☐ New York

☐ Bronx County

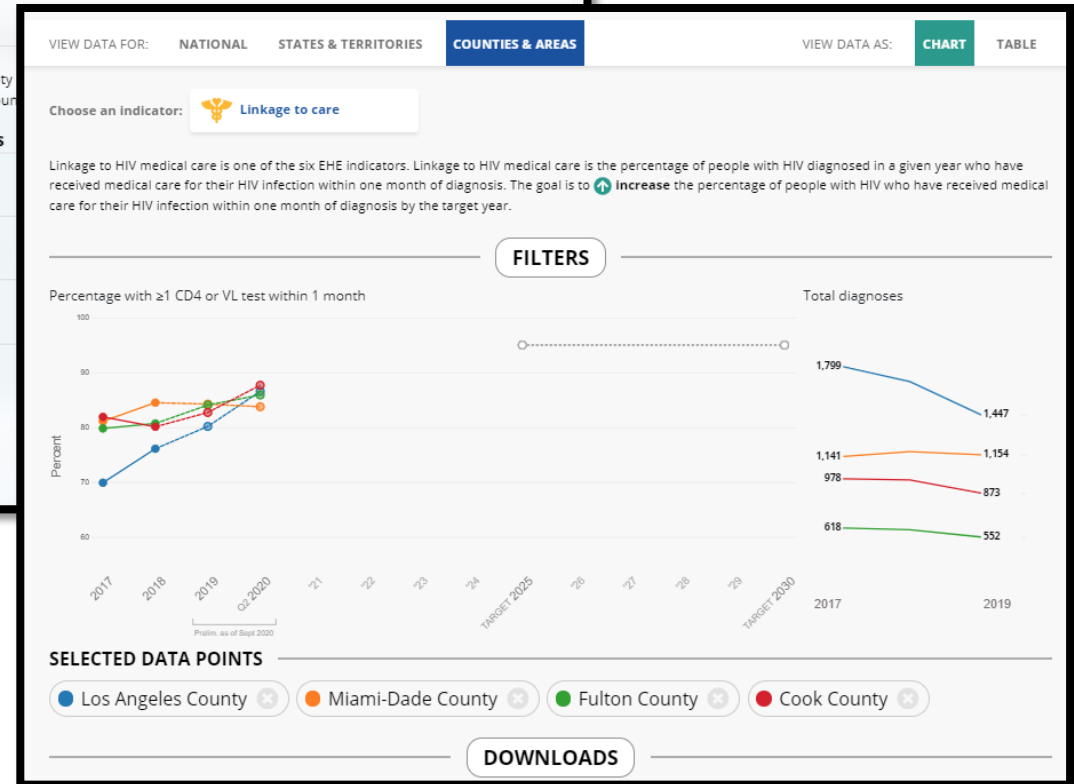
☐ Kings County

☐ New York County

☐ Queens County

☐ North Carolina

☐ Mecklenburg County



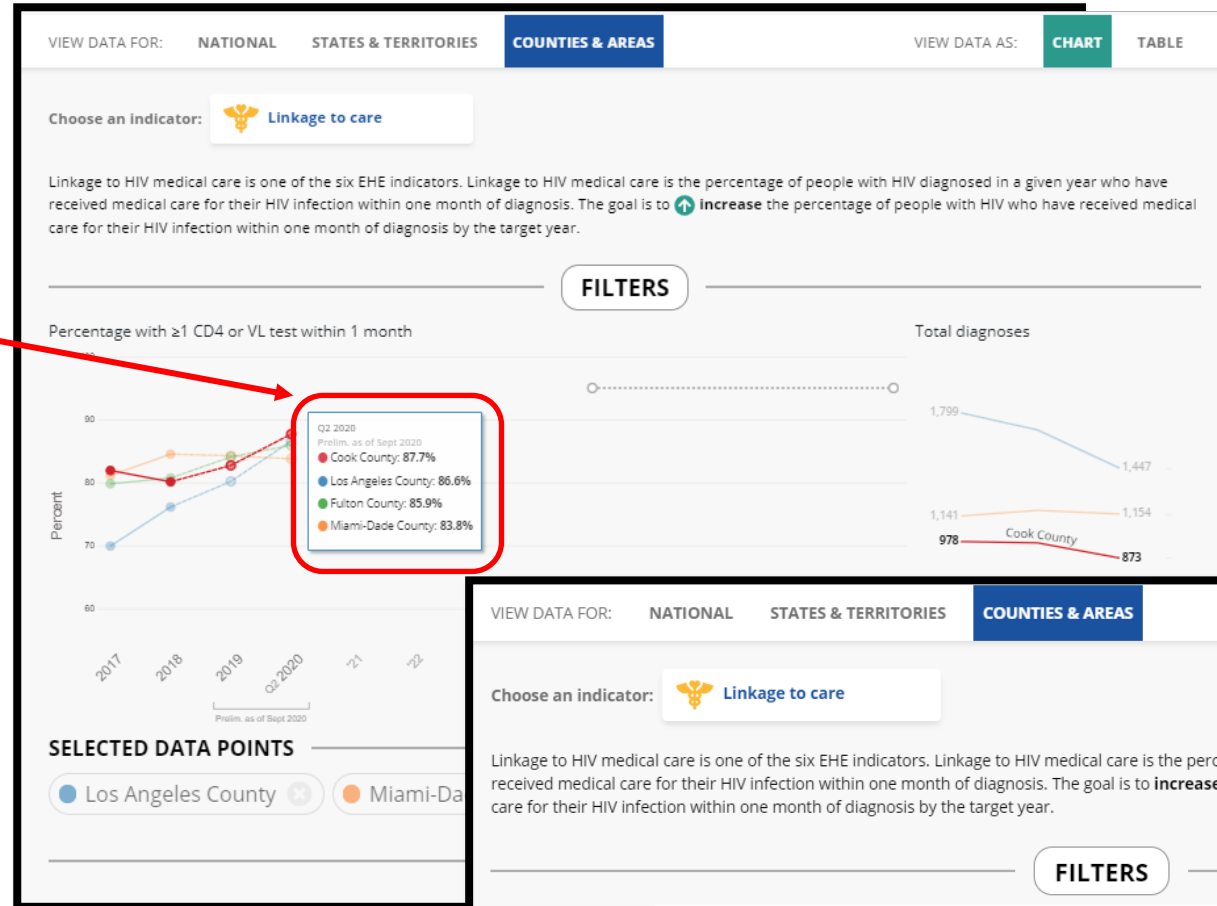
Tooltips



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

Tool tips will display data for all selected jurisdictions for that year. Only one year will show at a time.



Data points for all years and all selected jurisdictions can be viewed at the same time by selecting the *table* view.

VIEW DATA FOR: NATIONAL STATES & TERRITORIES **COUNTIES & AREAS** VIEW DATA AS: CHART **TABLE**

Choose an indicator: Linkage to care

Linkage to HIV medical care is one of the six EHE indicators. Linkage to HIV medical care is the percentage of people with HIV diagnosed in a given year who have received medical care for their HIV infection within one month of diagnosis. The goal is to **increase** the percentage of people with HIV who have received medical care for their HIV infection within one month of diagnosis by the target year.

FILTERS **CLEAR**

| | Percentage with ≥ 1 CD4 or VL test within 1 month | | | | | | Total diagnoses | | | |
|--------------------|--|------|------|---------|-------------|-------------|-----------------|-------|-------|---------|
| | 2017 | 2018 | 2019 | Q2 2020 | TARGET 2025 | TARGET 2030 | 2017 | 2018 | 2019 | Q2 2020 |
| Los Angeles County | 69.9 | 76.1 | 80.2 | 86.6 | 95.0 | 95.0 | 1,799 | 1,690 | 1,447 | 506 |
| Miami-Dade County | 81.1 | 84.5 | 84.2 | 83.8 | 95.0 | 95.0 | 1,141 | 1,177 | 1,154 | 431 |
| Fulton County | 79.8 | 80.7 | 84.1 | 85.9 | 95.0 | 95.0 | 618 | 605 | 552 | 227 |
| Cook County | 81.9 | 80.1 | 82.7 | 87.7 | 95.0 | 95.0 | 978 | 970 | 873 | 284 |

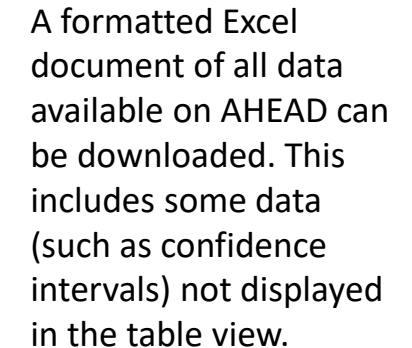
2019-2020: Prelim. as of Sept 2020

SELECTED DATA POINTS

Los Angeles County Miami-Dade County Fulton County Cook County

A tool-tip is also known as a hover-over, pop-up, or text box. This feature displays data when the mouse hovers over a data point.

AHEAD 
America's HIV Epidemic Analysis Dashboard



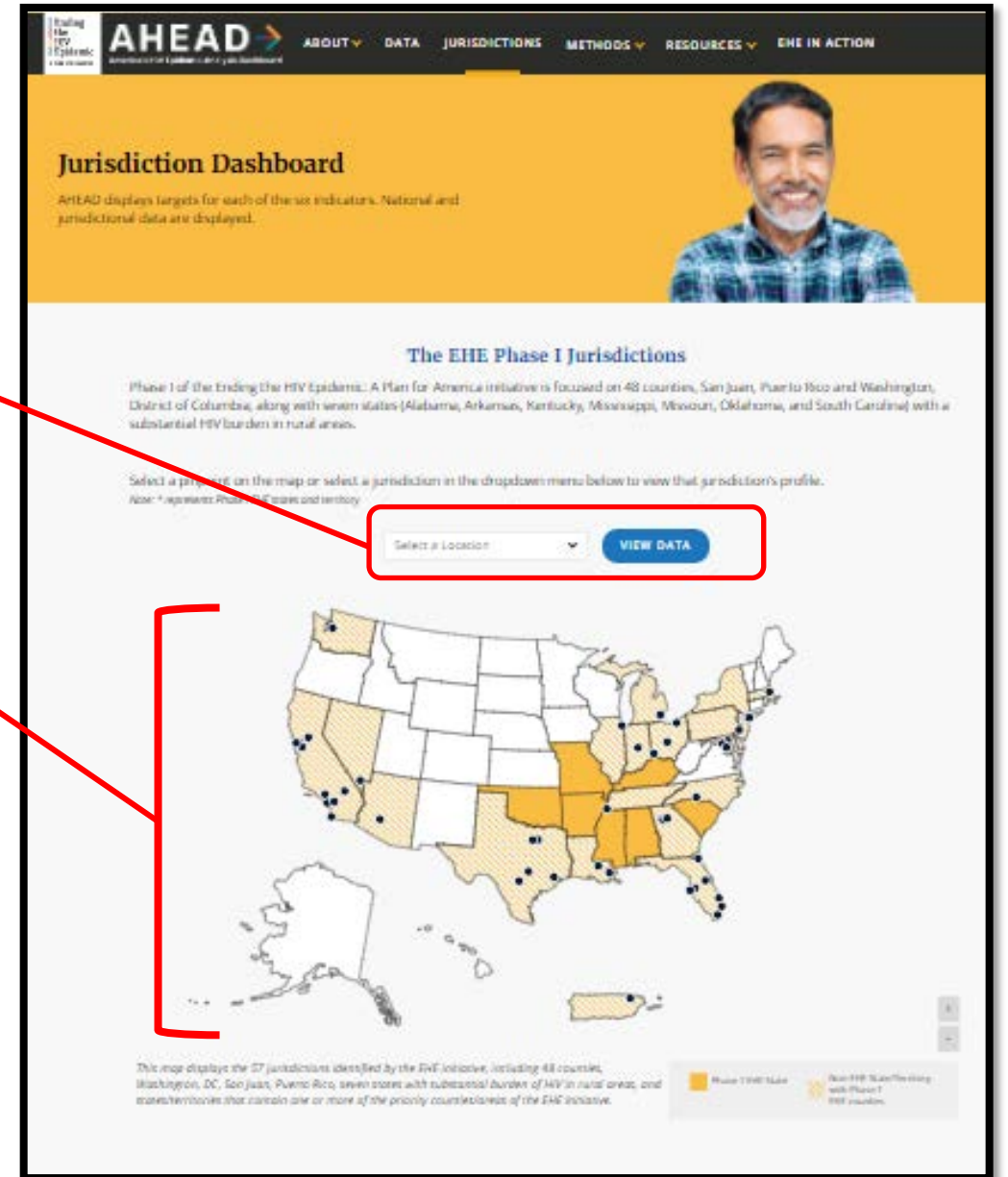
Active data will only download the data currently shown on the screen. It can be downloaded as a CSV (typically used by data scientists) or as an Excel document for easy-viewing.

Jurisdiction Pages

An individual jurisdiction page can be viewed by:

Selecting from the drop-down and “View Data”.
Jurisdictions are organized alphabetically by state/territory name, then by county/area name within.

Selecting a state/territory or a pinpoint on the map.
The map can be zoomed in to clearly see/select areas that are closely clustered geographically.



Ending
the
HIV
Epidemic
A PLAN FOR AMERICA

AHEAD
America's HIV Epidemic Analysis Dashboard

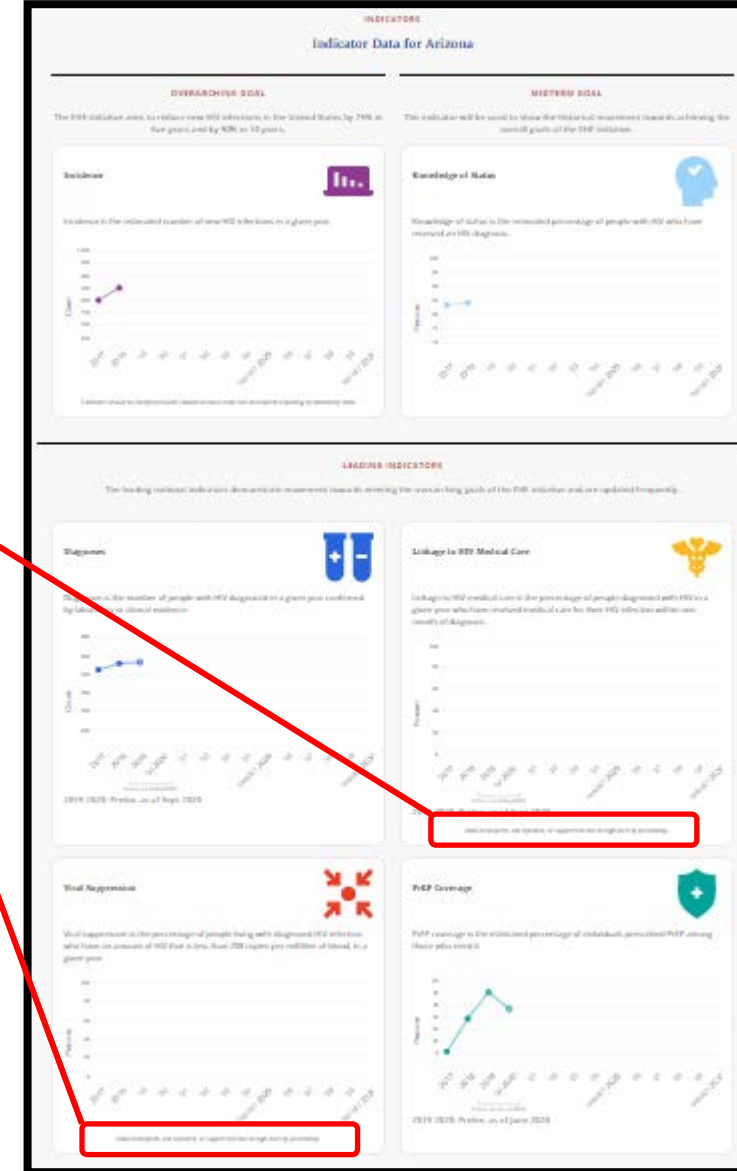
Jurisdiction Pages

All 50 U.S. states, 48 EHE counties, Puerto Rico, San Juan, and Washington D.C. are viewable.

Not all locations have complete data for all indicators. Some locations will have a footnote that states:

Data incomplete, not reported, or suppressed due to high level of uncertainty.

- Some states don't have complete laboratory data (at least 95% of lab results reported to surveillance programs and transmitted to CDC) or don't have laws requiring complete reporting.
- States that don't have enough data are not reported because of reliability concerns. (For instance, PrEP prescription data values <40 are not displayed).
- Areas with relative standard errors of 30-50% are displayed but should be interpreted with caution. Estimates with an RSE >50% are not shown due to a high level of uncertainty.



We Welcome Your Questions & Feedback



Contact us!

EndHIVEpidemic@HHS.GOV



Similar Jurisdiction Functionality

Technical Methodologies



Featurization

A data frame consisting of important features that have similar variance and low correlation is constructed and rescaled in a way that will not attribute too much importance to any single feature. This is necessary because clustering algorithms typically will not rescale the data. The goal is to include no more than one feature per EHE indicator.

Aggregation

Step 1- Estimates and goals data are ignored for the purpose of this analysis. 2019 preliminary data, 2020 preliminary data, 2025 goal data, and 2030 goal data are dropped.

Step 2- Data is reduced by taking the mean of all time series segments. In other words, for each pair of 2017 and 2018 data points, the mean is used, and the original figures are dropped.

Note: Ignoring 2017 figures in favor of 2018 figures was considered, but ultimately decided against, as this introduced an unnecessarily large number of missing values.

Similar Jurisdiction Functionality

Technical Methodologies



Clustering Methodology

The goal is to show local public health officials which jurisdictions are like their own regarding EHE progress.

A brute-force nearest-neighbors approach is used to quickly and easily show each jurisdiction the top k most similar jurisdictions to their own. We chose $k = 3$ and ran the algorithm on the features data frame shown on the previous slide.

The distance metric for the clustering algorithm is the Euclidean distance. The clustering algorithm computes a Euclidean distance matrix of size N -by- N for N counties. The nearest neighbors to county A and the $k = 3$ closest counties to A according to the distance matrix.

Similar Jurisdiction Functionality

Technical Methodologies



Transformation

A simple *log transform* is applied for quantity variables in order to make the distance between 100 and 1,000 appear the same as the distance between 1,000 and 10,000. This will transform the distribution of values from having an approximately log-normal appearance to an approximately normal appearance.

A *log odds ratio transform* is applied for percentage variables. It transforms variables from a domain of $[0, 100]$ to a range of $(-\infty, \infty)$. The log odds ratio transform is as follows for a variable bounded between 0 and 100.

$$x' = \log\left(\frac{x}{100 - x}\right)$$

Missing Values

Mean-imputation is used on features to fill in missing values. A total of 10 values out of 250 total values were missing and then imputed.